

PUBLIC HEALTH REPORTS

VOL. 34

SEPTEMBER 26, 1919

No. 39

STATE AND FEDERAL GOVERNMENTS IN PUBLIC HEALTH WORK.

Among the interesting papers discussed at the recent Conference of State and Provincial Health Officers at Atlantic City were those dealing with the foundation of Federal public health functions and the relations between Federal and State governments in public health work. These subjects were presented in two papers: One by Dr. Frank J. Goodnow, president of Johns Hopkins University, and the other by Assistant Surgeon Gen. Allan J. McLaughlin, of the United States Public Health Service.

In this number of Public Health Reports the paper by Dr. McLaughlin is presented, and it is hoped that Dr. Goodnow's address can be published in a later number.

Students of public health will undoubtedly find these papers of interest as revealing the recent trend in the interpretations given the constitutional basis of the relationship between Federal and State governments in public health work.

PROPER RELATION OF FEDERAL AND STATE GOVERNMENTS IN PUBLIC HEALTH WORK.¹

By ALLAN J. McLAUGHLIN, Assistant Surgeon General, United States Public Health Service.

The ideal relation between Federal and State governments in public health work should be such as to insure the covering between them of the entire field of public health. All gaps should be covered by one or the other jurisdiction, and in twilight zones there should be the most complete understanding of a frank policy which would preclude overlapping, duplication, or conflict.

If, under such a policy, the Federal Public Health Service did work which the State should do but was unable to do, the Federal Health Service would be acting presumably under its authority to assist States, and its activities should not continue beyond the time when the state officials were able and willing to take over the work.

¹ Read before the Conference of State and Provincial Boards of Health, June 7, 1919, at Atlantic City, N. J., and published in the American Journal of Public Health, August, 1919.

In order to consider the proper relation between Federal and State public health agencies, it is necessary to review briefly the powers and functions of the United States Public Health Service and the authority therefor.

The functions of the United States Public Health Service may be considered under the following heads:

1. Police.
2. Investigative.
3. Demonstrative.
4. Coordinative.

POLICE POWER.

Police power has been given very sparingly to Federal health authorities and delegated by States in large measure to local authorities because the ultimate application of police power to the individual citizen logically belongs to the agency with which he is in direct contact, viz, the local board of health.

It is clear that police power not specifically given by the Constitution to Federal agencies is reserved to the States or to the people. There is also police power implied but not expressed in the Constitution inherent in the Federal Government in connection with the general welfare and interstate commerce clauses. This power is necessary to cover conditions not amenable to or corrigible by State police power, and its exercise can not be an usurpation of State authority.

Congress has repeatedly given police power by statute to Federal agencies to cover such conditions but has always maintained the attitude that in health matters the State and local agencies should be utilized to the limit of their legitimate fields.

The Quarantine Law of 1890 gives very definite powers to the Federal health authorities to prevent the introduction of cholera, yellow fever, smallpox, or plague from one State to another without reference to utilization of State machinery, and provides for the promulgation of rules and regulations with penalties for infraction thereof.

The Quarantine Law of 1893, which includes all communicable diseases, provides that the Public Health Service shall cooperate with and aid State and municipal health boards in the execution and enforcement of State laws and regulations and of Federal laws and regulations. It provides that where no State or local regulations exist or where these are insufficient, the Secretary of the Treasury shall make such additional rules and regulations as are necessary to prevent interstate spread of such diseases.

It provides, further, that the rules and regulations promulgated by the Secretary shall be enforced by State and local authorities where they will undertake to execute and enforce them, but if State or

municipal health authorities fail or refuse to enforce said rules and regulations, the President shall execute and enforce the same and adopt such measures as in his judgment shall be necessary.

In order to carry out this policy of utilizing State and local health machinery in the prevention of the spread of disease, Congress has repeatedly appropriated large sums "to aid State or local boards or otherwise in preventing and suppressing communicable disease" (Epidemic Fund).

Congress annually appropriates for the Interstate Quarantine Service sums of money from \$15,000 to \$1,500,000 for cooperation with State and municipal health authorities in the prevention of the spread of disease in interstate traffic.

The question of delimiting the police powers of Federal and State authorities is an academic one—and for practical purposes satisfactory results can be secured in most sections by utilizing State power alone coordinated with the Federal Health Service in a national program.

As the State health machinery becomes more highly organized and perfected, the need of exercise of Federal police power will diminish and the need of Federal coordinative activity will increase.

The prevention of the spread of epidemic disease from one State to another, may be handled in one of two ways:

1. By the present system of awaiting the outbreak of an epidemic and then attempting its suppression.
2. By maintaining such a close check upon disease prevalence that prompt and early information of undue prevalence is at once available, and that suppressive measures may be taken before actual epidemic proportions are reached.

It is manifest, therefore, that the policy of the United States Public Health Service should be to develop State health departments and especially those divisions in a State health department whose effective operation in the interest of the State itself tends to prevent the spread of disease from one State to another.

The most effective means of preventing interstate spread of disease at the disposal of the Federal Government to-day lies in the development and utilization in every State department of health of strong divisions for control of communicable diseases, water and sewage.

To develop these divisions and bring them to a standard of uniform excellence it is necessary to detail trained men from the Public Health Service to assist the State health officers. In many States these divisions (usually called divisions of communicable disease and divisions of sanitary engineering) do not exist or exist in name only. In States which possess such divisions plain justice suggests that the Federal Government should render some assistance in doing work which is called for by Federal law and regulation.

INVESTIGATIVE FUNCTIONS.

The investigative function of the Public Health Service has no limit other than that set by the amount of money which may be appropriated by Congress.

The act of 1912 authorized the service to study and investigate the diseases of man and conditions influencing the propagation and spread thereof, including sanitation and sewage, and the pollution directly or indirectly of the navigable streams and lakes of the United States.

Under this very broad authority, investigation of any phase of public health work may be undertaken. The act further provides for the publication of information for the use of the public.

Sufficient funds should be secured from Congress to undertake and carry on such research as is necessary in order to furnish to the health officer in the field diagnostic, prophylactic and curative weapons for the suppression of communicable disease.

The economic advantage of doing this in one hygienic laboratory rather than in 48 laboratories is at once apparent.

DEMONSTRATIVE FUNCTIONS.

The work done under the investigative authority of the act of 1912, especially the field work, is nearly always demonstrative and can be utilized as public health demonstrations of all kinds.

In addition Congress has given specific authority for demonstrations in rural sanitation contingent upon partial support by State or local agencies.

Nothing compares in effectiveness with an actual demonstration of how work should be done in the individual communities. Here again the United States Public Health Service is limited only by the amount of money appropriated by Congress.

COORDINATIVE FUNCTIONS.

In achieving national success against any public health problem the coordinative function of the Public Health Service is perhaps the most important function which the service exercises. Some Federal coordinating agency is necessary in order to secure a synchronous attack upon any disease, with uniformity of method over the entire area of the United States. To secure the maximum of improvement in our national health we must have nation-wide programs for each problem with which health officers are confronted.

The example of our Venereal Disease Campaign serves to show what may be accomplished in other fields by the same methods.

The coordinative function of the Federal Public Health Service is but the national demonstration of the function exercised by State and local health authorities over smaller areas.

In other words, public health organization—Federal, State, and local—should have the following relationship:

<i>Supervisory and Coordinating authority.</i>	<i>Working units to be coordinated.</i>
United States Public Health Service.	State Departments of Health.
State Department of Health.	Local Health Departments.
Local Health Departments.	Individual Citizens.

The coordinating and supervisory authority furnishes the program in order to secure team work and endeavors to have this program carried out by all the units in the area within its jurisdiction.

The Public Health Service has a detailed, comprehensive, nationwide program for every public health problem, but these programs can not be put into effect without adequate funds.

I hope I have made it clear that the only need of the Public Health Service is sufficient money to carry out its programs.

The service now possesses all the authority and function which can be given by Congress to a Federal Health Agency within the limits of the Constitution.

Public health work aims at the eradication of preventable disease, the elimination of corrigible physical and mental defects, and the maintenance of all individuals in the best possible physical and mental condition.

To achieve such aims demands a partnership with an exhibition of most perfect teamwork by Federal, State, and local officers. I have already mentioned such a partnership in the Venereal Disease Campaign. The proposed Lever bill for rural hygiene provides, if anything, a better example of what such a partnership should be.

There is ample precedent for this type of Federal cooperation with State and local authorities as Congress has passed similar legislation covering good roads, vocational education, and farm demonstration work.

Let us waste no time in a futile effort to delimit accurately the police power and authority of each of these three jurisdictions, but let us leave such discussion to the academicians. As practical men let us disregard the theoretical boundaries of varying police jurisdictions and attack each health problem by joint concerted action according to a nation-wide program, remembering that the spread of disease recognizes no boundaries—local, State, or Federal.

GOVERNMENT WANTS WORKERS IN VENEREAL DISEASE CAMPAIGN.

The recently created Interdepartmental Social Hygiene Board of the United States Government is in need of a number of specially trained men and women to complete its organization. The United States Civil Service Commission has announced examinations for the following positions: Chief of division for scientific research, \$3,500 to \$4,500 a year; chief of division for educational research and development, \$3,500 to \$4,500 a year; educational assistant, \$2,800 to \$3,600 a year; chief of division of relations with States, \$3,500 to

\$4,500 a year; chief of division of records, information, and planning, \$3,500 to \$4,500 a year; supervising assistant and inspector, \$2,800 to \$3,600 a year; field agent, \$1,800 to \$3,000 a year. All positions are open to both men and women.

Applicants for these positions will not be given scholastic tests in an examination room, but will be rated upon their education, experience, and writings. Published writings of which the applicant is the author will be submitted with the application. For most of the positions a thesis on one of a number of given subjects will be accepted in lieu of published writings. The receipt of applications will close on November 4. Detailed information and application blanks may be obtained from the United States Civil Service Commission, Washington, D. C., or from the secretary of the United States Civil Service Board at the post office or customhouse in any of 3,000 cities.

The law creating the Interdepartmental Social Hygiene Board provides for the cooperation of the War and Navy Departments and the Public Health Service of the Treasury Department for the prevention, control, and treatment of venereal diseases. The duties of the board as set forth in the act are (1) to recommend rules and regulations for the expenditure of moneys allotted to States for the use of their respective boards or departments of health in the prevention, control, and treatment of venereal diseases; (2) to select universities, colleges, or other suitable institutions, which shall receive allotments for scientific research, for the purpose of discovering more effective medical measures for the prevention and treatment of venereal diseases; (3) to recommend such general measures as will promote correlation and efficiency in carrying out the purposes of the act; and (4) to direct the expenditure of certain moneys appropriated by the act.

RESULTS OF ANTIMALARIAL MEASURES ON THE ISLAND OF CYPRUS.

The annual medical report of the Island of Cyprus for 1918 states that the antimalarial measures which were begun in 1913 were successfully continued during 1918 and resulted in a further reduction in the prevalence of malaria for that year.¹

The malaria incidence has fallen steadily from 10,035 cases in 1912 to 2,414 in the year 1918, and the spleen index rate has declined constantly and regularly from 17.2 per cent in 1913 to 5.1 in 1918.

The report states that the returns from the medical officer in charge of the troops at Famagusta show an increase in the number of cases among prisoners and troops in 1918. It was shown in the annual reports for 1914 and 1915 that the fresh-water lake Famagusta was responsible, in great measure, for the malarial cases in near-by towns, and that in order to deal with this extensive breeding ground for

¹ A note on this work for the year 1917 was published in *Public Health Reports*, Nov. 29, 1918.

Anopheles mosquitoes pumping operations were necessary each year. During 1918 these operations were commenced at the usual time, but the lake, owing to heavy winter and early spring rains, was unusually full of water and difficulty was experienced in getting the machinery into position for pumping. There was also trouble with the engines, and it was difficult to obtain fuel oil. All these unusual circumstances prolonged the work of pumping the lake dry, and *Anopheles* mosquitoes and malaria cases were unusually prevalent in the locality of the lake.

The following table, covering the period 1912 to 1918, shows the steady reduction in the prevalence of malaria as indicated by the total number of cases treated and the percentage of enlarged spleens found on examination of school children each fall by the medical officers:

Year.	Total cases treated.	Spleen rate.	Year.	Total cases treated.	Spleen rate.
1912.....	10,635	.....	1916.....	3,752	7.6
1913.....	7,342	17.2	1917.....	2,709	6.0
1914.....	6,622	15.3	1918.....	2,414	5.1
1915.....	4,539	11.5			

ORDINANCE REGULATING LAUNDRIES HELD VALID.

The Supreme Court of Ohio has sustained the validity of an ordinance of the city of Cleveland regulating laundries.¹

One ground on which the validity of the ordinance was attacked was that it provided that before a license could be issued the laundries were to be inspected by the health commissioner to ascertain that the ventilation, plumbing, and sanitary arrangements were satisfactory. It was contended that this gave arbitrary legislative and judicial powers to an administrative officer. The court, however, held the ordinance valid, saying:

It is now generally held that quasi judicial duties and administrative functions may be imposed upon administrative officers for the purpose of ascertaining the conditions under which the law or ordinance becomes effective. It will not be presumed that the action of the administrative officer will be either arbitrary or unwarranted. Should it so prove to be, the aggrieved person would have the right to relief through the courts. But it is said that the ordinance has fixed no standard for official guidance, but has left the sanitary arrangements and ventilation of each public laundry to the untrammelled judgment of the health commissioner for determination whether such are sufficient and adequate. It is exceedingly doubtful whether a fixed standard could be adopted by the city in its regulation of these features. What would prove to be sufficient and adequate in one public laundry might be entirely insufficient and inadequate in another. And any attempt to provide by law for the multitudinous details defining what would be sufficient and adequate measures of regulation, applicable to each and every laundry falling within the class mentioned, would seriously tax legislative ingenuity. But it is now generally held that discretionary powers may be lodged in administrative officers to determine whether the terms of a law or ordinance of this character have been complied with, and that such "terms like other general terms get precision from the sense and experience of men."

¹ *Yee Bow v. City of Cleveland et al.*, 124 N. E. 132.

DEATHS DURING WEEK ENDED SEPT. 13, 1919.

From the "Weekly Health Index," Sept. 16, 1919, issued by the Bureau of the Census, Department of Commerce.

Deaths from all causes in certain large cities of the United States during the week ended Sept. 13, 1919. infant mortality (per cent), annual death rates, and comparison with corresponding week of preceding years.

City.	Population July 1, 1918, estimated.	Week ended Sept. 13, 1919.		Average annual death rate per 1,000. ¹	Per cent of deaths under 1 year.	
		Total deaths.	Death rate. ¹		Week ended Sept. 13, 1919.	Previous year or years. ²
Albany, N. Y.	112,565	23	10.7	C 9.3	21.7	C 15.0
Atlanta, Ga.	201,732	55	14.2	C 12.4	5.5	C 22.9
Baltimore, Md.	669,981	186	14.5	A 15.7	14.5	A 27.5
Birmingham, Ala.	197,670	55	14.5	A 15.1	10.9	A 15.9
Boston, Mass.	785,245	191	12.7	A 14.8	18.3	A 25.2
Buffalo, N. Y.	473,229	121	13.3	C 14.9	21.0	C 31.1
Cambridge, Mass.	111,432	31	14.5	A 11.4	12.9	A 25.2
Chicago, Ill.	2,596,681	560	11.2	A 12.9	24.1	A 33.7
Cincinnati, Ohio.	418,022	103	12.8	C 14.7	11.7	C 14.4
Cleveland, Ohio.	810,306	194	12.5	C 10.2	21.6	C 34.6
Columbus, Ohio.	225,296	58	13.4	C 10.2	20.7	C 14.3
Dayton, Ohio.	130,653	24	9.6	C 12.8	33.3	C 21.9
Denver, Colo.		60			16.7	
Fall River, Mass.	128,392	25	10.2	C 15.4	28.0	C 21.1
Grand Rapids, Mich.	135,450	24	9.2	C 11.2	4.2	C 17.2
Indianapolis, Ind.	291,389	71	12.7	C 11.9	14.1	C 15.2
Jersey City, N. J.	318,770	80	13.1	C 12.9	20.0	C 30.4
Kansas City, Mo.	313,785	69	11.5	C 11.0	17.4	C 13.6
Los Angeles, Calif.	568,495	112	10.3	A 10.8	8.0	A 10.4
Louisville, Ky.	242,707	62	11.2	C 13.5	15.4	C 9.5
Lowell, Mass.	109,081	26	12.4	A 17.7	42.3	A 35.5
Memphis, Tenn.	154,739	45	15.2	C 19.9	2.2	C 13.6
Milwaukee, Wis.	453,481	87	10.0	A 10.8	12.6	A 25.1
Minneapolis, Minn.	283,442	71	9.7	C 7.6	14.1	C 10.7
Nashville, Tenn.	119,215	38	16.6	C 16.6	7.9	C 13.2
Newark, N. J.	428,684	74	9.0	C 11.1	17.6	C 18.7
New Haven, Conn.	154,965	25	8.4	C 10.4	29.0	C 12.9
New Orleans, La.	382,272	118	16.1	A 16.9	7.6	A 12.6
New York, N. Y.	5,215,879	1,070	10.7	C 11.1	19.2	C 20.7
Oakland, Calif.	214,206	44	10.7	A 10.3	9.1	A 13.2
Omaha, Nebr.	180,264	36	10.4	C 10.4	13.9	C 16.7
Philadelphia, Pa.	1,761,371	413	12.2	A 14.6	21.8	A 20.2
Pittsburgh, Pa.	593,303	136	12.0	C 14.0	16.2	C 24.5
Portland, Oreg.		44			9.1	C 6.9
Providence, R. I.	263,613	66	13.1	C 11.3	13.6	C 12.3
Richmond, Va.	160,719	34	11.0	C 17.8	17.6	C 29.1
Rochester, N. Y.	264,856	67	13.2	C 8.7	14.9	C 22.7
St. Louis, Mo.	779,951	180	12.0	C 11.4	9.4	C 10.5
St. Paul, Minn.	257,690	58	11.7	C 10.9	10.3	C 25.9
San Francisco, Calif.	478,530	107	11.7	C 12.6	4.7	C 8.6
Seattle, Wash.		53			9.4	A 10.0
Spokane, Wash.		30			3.3	C 12.0
Syracuse, N. Y.	161,404	49	15.8	C 12.0	22.4	C 16.2
Toledo, Ohio.	262,234	57	11.3	A 13.5	15.8	A 21.4
Washington, D. C.	401,681	107	13.9	A 16.0	15.0	A 18.0
Worcester, Mass.	173,630	32	9.6	C 12.3	9.4	C 17.1

¹ Annual rates per 1,000 estimated population.

² "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1918.

³ Population estimated as of July 1, 1919.

⁴ Data are based on statistics of 1915, 1916, and 1917.

Summary of information received by telegraph from industrial insurance companies for week ended Sept. 13, 1919.

Policies in force	41,185,048
Number of death claims	6,893
Death claims for 1,000 policies in force, annual rate	8.7

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended Sept. 20, 1919.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

ALABAMA.		CALIFORNIA—continued.	
	Cases.		Cases.
Diphtheria.....	92	Typhoid fever:	
Influenza:		Fresno County.....	4
Calhoun County.....	7	Fresno.....	2
Madison County.....	11	Los Angeles.....	6
Talladega County.....	2	Pasadena.....	2
Malaria.....	10	San Francisco.....	2
Measles.....	6	Scattered.....	4
Pellagra.....	9		
Polio-myelitis.....	1	CONNECTICUT.	
Scarlet fever.....	17	No outbreak or undue prevalence reported.	
Smallpox.....	4	DELAWARE.	
Tuberculosis (pulmonary).....	14	Diphtheria:	
Typhoid fever.....	36	Wilmington.....	2
Veneral diseases.....	197	Measles:	
Whooping cough.....	3	Lewes.....	1
		Scabies:	
ARKANSAS.		Port Penn.....	1
Cerebrospinal meningitis.....	1	Scarlet fever:	
Chicken pox.....	7	Wilmington.....	2
Diphtheria.....	11	Tuberculosis:	
Influenza.....	14	Newport.....	1
Malaria.....	154	Wilmington.....	2
Ophthalmia neonatorum.....	1	Typhoid fever:	
Pellagra.....	9	Bridgeville.....	1
Scarlet fever.....	14	Dover.....	1
Smallpox.....	4	Harrington.....	1
Trachoma.....	2	Milton.....	1
Tuberculosis.....	12	New Castle.....	1
Typhoid fever.....	30	Townsend.....	2
		Wilmington.....	2
CALIFORNIA.		Whooping cough:	
Influenza.....	51	Camden.....	4
Smallpox:		FLORIDA.	
Eureka.....	8	Diphtheria.....	23
Hanford.....	1	Influenza:	
Lodi.....	2	Dade County.....	14
Los Angeles.....	1	Duval County.....	6
Monterey.....	1	Lafayette County.....	1
Oakland.....	1	Marion County.....	1
Salinas.....	1	Malaria.....	33
San Francisco.....	1	Scarlet fever.....	2
		Typhoid fever.....	8

CURRENT STATE SUMMARIES—Continued.

Telegraphic Reports for Week Ended Sept. 20, 1919—Continued.

GEORGIA.		INDIANA.	
	Cases.		Cases.
Chicken pox.....	4	Chaneroid.....	4
Conjunctivitis (acute infectious).....	4	Diphtheria:	
Diphtheria.....	104	Decatur County.....	1
Dysentery (bacillary).....	11	Delaware County.....	2
Gonorrhea.....	48	Fountain County.....	1
Hookworm.....	16	Hendricks County.....	1
Influenza.....	23	Howard County.....	1
Malaria.....	105	Jay County.....	1
Measles.....	6	Lawrence County.....	1
Mumps.....	4	Madison County.....	1
Paratyphoid fever.....	5	Montgomery County.....	1
Pneumonia (acute lobar).....	7	Posey County.....	2
Poliomyelitis.....	2	Putnam County.....	1
Scarlet fever.....	25	Rush County.....	1
Septic sore throat.....	8	Tippecanoe County.....	1
Smallpox.....	4	Tipton County.....	2
Syphilis.....	33	Vanderburg County.....	1
Tetanus.....	2	Vigo County.....	2
Tuberculosis (pulmonary).....	17	Washington County.....	1
Tuberculosis (other forms).....	17	Wayne County—several.	
Typhoid fever.....	51	Wells County.....	1
Whooping cough.....	4	Gonorrhea.....	93
		Rabies in animals:	
		Jefferson County.	
		Scarlet fever:	
		Clinton County.	
		Decatur County.	
		Shelby County.	
		Syphilis.....	88
		IOWA.	
		Chaneroid.....	5
		Chicken pox.....	2
		Diphtheria:	
		Cedar County.....	1
		Cedar Rapids.....	2
		Davenport.....	1
		Des Moines.....	7
		Dubuque.....	2
		Grinnell.....	2
		Lucas.....	1
		Poweshiek.....	3
		Gonorrhea.....	93
		Scarlet fever:	
		Atlantic.....	2
		Boone.....	3
		Dallas Center.....	1
		Dallas County.....	1
		Davenport.....	1
		Des Moines.....	8
		Jasper County.....	1
		Lamoni.....	6
		Smallpox:	
		Boone.....	1
		Cedar Falls.....	2
		Davenport.....	3
		Des Moines.....	4
		Harrison County.....	1
		Syphilis.....	13

ILLINOIS.

Cerebrospinal meningitis:

Aurora..... 1

Quincy..... 1

Diphtheria:

Alton..... 3

Belleville..... 3

Chicago..... 132

Decatur..... 3

Peoria..... 5

Scattering..... 25

Gonorrhea..... 309

Lethargic encephalitis:

Chicago..... 1

Poliomyelitis:

Aurora..... 1

Chicago..... 5

Eldorado..... 1

Herrin..... 1

Highland Park..... 1

Kewanee..... 1

Logan County, Eminence Township..... 1

Marshall County, Hopewell Township..... 1

Vermont..... 1

Wellington..... 1

West Chicago..... 1

Scarlet fever:

Chicago..... 53

Illioopolis..... 5

Pekin..... 3

Scattering..... 16

Smallpox..... 2

Syphilis..... 212

Typhoid fever:

Chicago..... 10

Galesburg..... 4

Scattering..... 21

CURRENT STATE SUMMARIES—Continued.

Telegraphic Reports for Week Ended Sept. 20, 1919—Continued.

KANSAS.		MAINE—continued.	
	Cases.		Cases.
Diphtheria.....	17	Smallpox—Continued.....	
Influenza.....	31	Lewiston.....	1
Scarlet fever.....	36	Livermore.....	1
Smallpox.....	10	Seboomook.....	1
KENTUCKY.		Syphilis.....	21
Influenza:		Tuberculosis.....	15
Bath County.....	4	Typhoid fever:	
Harden County.....	2	Fort Fairfield.....	3
Nelson County.....	1	Lubec.....	1
Davies County.....	6	Whooping cough.....	8
Pneumonia (lobar):		MASSACHUSETTS.	
Campbell County.....	1	Anthrax.....	2
Franklin County.....	1	Cerebrospinal meningitis.....	10
Nelson County.....	1	Chicken pox.....	16
Poliomyelitis:		Conjunctivitis (suppurative).....	11
Jackson County.....	5	Diphtheria.....	130
LOUISIANA.		Dysentery.....	1
Chaneroid.....	31	Gonorrhea.....	177
Diphtheria.....	13	Influenza.....	62
Gonorrhea.....	168	Malaria.....	1
Influenza.....	5	Measles.....	26
Poliomyelitis.....	2	Measles (German).....	4
Smallpox.....	5	Mumps.....	24
Syphilis.....	79	Ophthalmia neonatorum.....	31
Typhoid fever.....	26	Pneumonia (lobar).....	32
MAINE.		Scarlet fever.....	83
Chaneroid.....	1	Septic sore throat.....	5
Chicken pox.....	1	Syphilis.....	92
Diphtheria:		Tetanus.....	2
Houlton.....	1	Trachoma.....	1
Monticello.....	1	Tuberculosis (pulmonary).....	146
Paris.....	1	Tuberculosis (other forms).....	19
Portland.....	1	Typhoid fever.....	34
Dysentery:		Whooping cough.....	79
Island Falls.....	8	MINNESOTA.	
Gonorrhea.....	35	Cerebrospinal meningitis.....	2
Influenza:		Chaneroid.....	7
Freeport.....	1	Gonorrhea.....	59
South Berwick.....	4	Poliomyelitis.....	4
Measles:		Smallpox—new foci:	
Greenville.....	3	Becker County, Callaway.....	1
Norway.....	1	Ramsey County, Rose Township.....	1
Mumps.....	7	Syphilis.....	31
Paratyphoid fever:		MONTANA.	
Portland.....	1	Anthrax.....	1
Pneumonia:		Diphtheria.....	5
Freeport.....	1	Influenza.....	4
Scarlet fever:		Scarlet fever.....	13
Baileyville.....	2	Smallpox.....	2
East Millinocket.....	1	Typhoid fever.....	15
Farmington.....	1	NORTH CAROLINA.	
Norway.....	1	Cerebrospinal meningitis.....	1
Portland.....	4	Chicken pox.....	5
Sherman.....	2	Cholera infantum.....	1
Smallpox:		Diphtheria.....	143
Clinton.....	1	Measles.....	32
East Livermore.....	2	Measles (German).....	1
Jay.....	2	Ophthalmia neonatorum.....	1
Leeds.....	3		

CURRENT STATE SUMMARIES—Continued.

Telegraphic Reports for Week Ended Sept. 20, 1919—Continued.

NORTH CAROLINA—continued.		WASHINGTON—continued.	
	Cases.		Cases.
Pneumonia (broncho).....	3	Gonorrhea.....	20
Pneumonia (lobar).....	2	Influenza.....	8
Poliomyelitis.....	4	Measles.....	13
Scarlet fever.....	38	Mumps.....	10
Septic sore throat.....	13	Scarlet fever.....	48
Smallpox.....	18	Smallpox.....	33
Trachoma.....	3	Syphilis.....	4
Typhoid fever.....	127	Tuberculosis.....	12
Whooping cough.....	103	Typhoid fever.....	16
		Whooping cough.....	21
NEW JERSEY.		WEST VIRGINIA.	
Influenza.....	20	Diphtheria:	
Pneumonia.....	27	Fairmont.....	1
Smallpox:		Huntington.....	7
Northfield.....	1	Keyser.....	1
NEW YORK.		Martinsburg.....	1
(Exclusive of New York City.)		Parkersburg.....	2
Anthrax:		Parsons.....	2
Endicott.....	1	Weston.....	2
Cerebrospinal meningitis:		Wheeling.....	6
Buffalo.....	1	Williamson.....	2
Rochester.....	1	Poliomyelitis:	
Rockland.....	1	Martinsburg.....	1
Schenectady.....	1	Scarlet fever:	
Diphtheria.....	213	Bluefield.....	3
Gonorrhea.....	98	Clarksburg.....	5
Influenza.....	31	Fairmont.....	1
Measles.....	21	Morgantown.....	2
Poliomyelitis:		Salem.....	1
Albany.....	1	Terra Alta.....	1
Hague.....	1	Wheeling.....	3
Ticonderoga.....	1	Smallpox:	
Utica.....	1	Keyser.....	1
Yonkers.....	1	Montgomery.....	1
Pneumonia.....	31	Weston.....	1
Scarlet fever.....	84	Typhoid fever:	
Syphilis.....	111	Beckley.....	2
Typhoid fever.....	70	Bluefield.....	1
Whooping cough.....	111	Buckhannon.....	3
OHIO.		Charleston.....	2
Scarlet fever:		Clarksburg.....	1
Portsmouth.....	7	Fairmont.....	1
Typhoid fever:		Moorefield.....	1
Scioto County, Raiden Township.....	3	Parkersburg.....	1
Lima.....	8	Piedmont.....	1
		Williamson.....	1
VIRGINIA.		WISCONSIN.	
Lethargic encephalitis (suspected):		Cerebrospinal meningitis:	
Rockingham County.....	1	Milwaukee.....	2
Poliomyelitis:		Chicken pox:	
Richmond.....	4	Milwaukee.....	3
Smallpox:		Scatterling.....	5
Spotsylvania County.....	1	Diphtheria:	
VERMONT.		Milwaukee.....	29
No outbreak or undue prevalence reported.		Scatterling.....	35
WASHINGTON.		Erysipelas:	
Chicken pox.....	7	Milwaukee.....	1
Diphtheria.....	20		

CURRENT STATE SUMMARIES—Continued.**Telegraphic Reports for Week Ended Sept. 20, 1919—Continued.****WISCONSIN—continued.**

		Cases.			Cases.
Leprosy:			Smallpox:		
State.....	1		Milwaukee.....	1	
Measles:			Scattering.....	17	
Milwaukee.....	1		Tuberculosis:		
Scattering.....	1		Milwaukee.....	23	
Poliomyelitis:			Scattering.....	4	
Milwaukee.....	1		Typhoid fever:		
Scattering.....	10		Milwaukee.....	1	
Scarlet fever:			Scattering.....	6	
Milwaukee.....	25		Whooping cough:		
Scattering.....	39		Milwaukee.....	6	
			Scattering.....	6	

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

Tables showing by counties the reported cases of cerebrospinal meningitis, malaria, pellagra, poliomyelitis, smallpox, and typhoid fever are published under the names of these diseases. (See names of these and other diseases in the table of contents.)

The following monthly State reports include only those which were received during the current week. These reports appear each week as received.

State.	Cerebrospinal meningitis.	Diphtheria.	Malaria.	Measles.	Pellagra.	Poliomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
Colorado (July).....		45		4			39	104	38
Louisiana (August).....	2	53	376	11	25	4	3	44	127
Maine (July).....		12		7			39	40	26
Maine (August).....		18		2	1		51	25	24
New Jersey (August).....	8	296	27	91		5	118		91
West Virginia (August).....	5	157		89	1	6	133	68	384

ACTINOMYCOSIS.**Montana, Week Ended Sept. 6, 1919.**

One case of actinomycosis was reported in Montana during the week ended September 6, 1919.

ANTHRAX.**West Virginia Report for August, 1919.**

During August, 1919, one case of anthrax was reported in West Virginia.

CEREBROSPINAL MENINGITIS.**State Reports for August, 1919.**

Place.	New cases reported.	Place.	New cases reported.
Louisiana:		New Jersey—Continued.	
Caddo Parish.....	1	Passaic County.....	1
Orleans Parish.....	1	Total.....	8
Total.....	2	West Virginia:	
New Jersey:		Boone County.....	2
Burlington County.....	1	Monongalia County.....	1
Camden County.....	1	Monroe County.....	1
Essex County.....	2	Preston County.....	1
Gloucester County.....	1	Total.....	5
Hudson County.....	2		

CEREBROSPINAL MENINGITIS—Continued.

City Reports for Week Ended Sept. 6, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Buffalo, N. Y.	1	—	Mount Vernon, N. Y.	2	1
Chicago, Ill.	2	—	New Haven, Conn.	1	1
Cleveland, Ohio.	1	—	New London, Conn.	—	1
Dayton, Ohio.	1	1	New Orleans, La.	1	1
Duluth, Minn.	—	—	New York, N. Y.	7	3
Ironwood, Mich.	1	—	Pontiac, Mich.	1	—
Los Angeles, Calif.	—	1	St. Louis, Mo.	1	—
Lowell, Mass.	2	2	San Francisco, Calif.	—	1
Lynn, Mass.	1	—	Wheeling, W. Va.	—	1
Milwaukee, Wis.	1	1			

DENGUE.

Florida—Key West.

On September 23, 1919, dengue was reported at Key West, Fla. It was estimated that there were more than 200 cases in the city. A few cases of influenza of mild type have been noted also.

INFLUENZA.

The following table shows the cases of influenza reported to the Public Health Service during the week ended September 20, 1919. The reports are obviously incomplete, as many States have not reported.

As influenza was not a reportable disease at this time last year, it is impossible to compare the figures with prior years, but during the corresponding week of 1918 deaths from influenza and pneumonia were registered in many parts of the United States, and the disease was spreading rapidly.

The reports this year indicate that the disease is generally of a mild type, and no State has reported that the disease is epidemic.

Cases.	Cases.
Alabama..... 20	Louisiana..... 5
Arkansas..... 14	Maine..... 5
California..... 51	Massachusetts..... 62
District of Columbia..... 17	Montana..... 4
Florida..... 22	New Jersey..... 20
Georgia..... 23	New York..... 31
Kansas..... 31	Washington..... 8
Kentucky..... 13	

DIPHTHERIA.

See Telegraphic weekly reports from States, p. 2151; Monthly summaries by States, p. 2155; and Weekly reports from cities, p. 2163.

LEPROSY.

Beloit, Wis., Benton Harbor, Mich., and Los Angeles, Calif.

During the week ended September 6, 1919, there was one case of leprosy reported at Beloit, Wis., and one at Los Angeles, Calif., and one death was reported at Benton Harbor, Mich.

LETHARGIC ENCEPHALITIS.

Louisiana Report for August, 1919.

During August, 1919, one case of lethargic encephalitis was reported in Louisiana.

MALARIA.

Louisiana and New Jersey, August, 1919.

Place.	New cases reported.	Place.	New cases reported.
Louisiana:		Louisiana—Continued.	
Acadia Parish.....	4	Richland Parish.....	14
Allen Parish.....	6	St. Charles Parish.....	8
Asumption Parish.....	13	St. John Parish.....	48
Avoyelles Parish.....	1	St. Landry Parish.....	27
Beauregard Parish.....	2	St. Mary Parish.....	14
Caddo Parish.....	1	St. Martin Parish.....	2
Calcasieu Parish.....	9	St. Tammany Parish.....	11
Caldwell Parish.....	3	Tangipahoa Parish.....	3
Catahoula Parish.....	1	Union Parish.....	1
Concordia Parish.....	3	Vermilion Parish.....	6
De Soto Parish.....	29	Washington Parish.....	3
East Baton Rouge Parish.....	5	West Feliciana Parish.....	5
East Carroll Parish.....	1		
East Feliciana Parish.....	8	Total.....	376
Evangeline Parish.....	2		
Franklin Parish.....	2	New Jersey:	
Iberville Parish.....	7	Bergen County.....	1
Jefferson Davis Parish.....	2	Essex County.....	9
Lafourche Parish.....	2	Hudson County.....	1
La Salle Parish.....	4	Middlesex County.....	1
Livingston Parish.....	1	Monmouth County.....	1
Natchitoches Parish.....	8	Passaic County.....	4
Orleans Parish.....	3	Somerset County.....	5
Ouachita Parish.....	94	Union County.....	5
Pointe Coupee Parish.....	2		
Rapides Parish.....	21	Total.....	27

City Reports for Week Ended Sept. 6, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alexandria, La.....	1	.....	Memphis, Tenn.....	.....	3
Atlanta, Ga.....	2	.....	Minneapolis, Minn.....	1	.....
Baton Rouge, La.....	1	.....	Mobile, Ala.....	.....	1
Berkeley, Calif.....	1	.....	Newark, N. J.....	1	.....
Birmingham, Ala.....	1	2	New Orleans, La.....	1	.....
Boston, Mass.....	1	.....	New York, N. Y.....	.....	1
Charleston, S. C.....	.....	2	Philadelphia, Pa.....	.....	.....
Dallas, Tex.....	34	1	Savannah, Ga.....	1	.....
East St. Louis, Ill.....	2	.....	Tuscaloosa, Ala.....	2	.....
Independence, Mo.....	1	.....		

MEASLES.

See Telegraphic weekly reports from States, p. 2151; Monthly summaries by States, p. 2155; and Weekly reports from cities, p. 2163.

PELLAGRA.

City Reports for Week Ended Sept. 6, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....	.....	1	Memphis, Tenn.....	.....	1
Birmingham, Ala.....	4	1	New Orleans, La.....	1	1
Charlotte, N. C.....	.....	2	Richmond, Va.....	.....	1
Columbus, Ga.....	1	1	Salt Lake City, Utah.....	.....	1
Durham, N. C.....	.....	1	Spartanburg, S. C.....	.....	1
Los Angeles, Calif.....	1	.....		

PLAGUE.

Oakland, Calif.

The occurrence in Oakland, Calif., of one death from pneumonic plague has been definitely confirmed. Fourteen other deaths between August 20 and September 11, 1919, diagnosed as pneumonia, influenza, or influenza-pneumonia, with an average duration of four days, caused the health authorities to suspect plague. Epidemiologic investigation shows that some of these deaths were probably due to plague. A direct contact relation was established going back to the first case, which gave a definite history of squirrel hunting in the area which is known to have harbored ground-squirrel infection since 1908. No further cases have been reported since September 11.

PNEUMONIA.

City Reports for Week Ended Sept. 6, 1919.

Place.	Lobar.		All forms.		Place.	Lobar.		All forms.	
	Cases.	Deaths.	Cases.	Deaths.		Cases.	Deaths.	Cases.	Deaths.
Alexandria, La.	1				Newark, N. J.	16			
Asbury Park, N. J.	1				New Bedford, Mass.	1	1		
Atlanta, Ga.		2			Newburgh, N. Y.	1			
Baltimore, Md.	3	3			New Haven, Conn.				2
Berlin, N. H.		1			New London, Conn.		1		
Birmingham, Ala.		2			New Orleans, La.	1	4		
Bluefield, W. Va.	1	1			New York, N. Y.				18
Boston, Mass.	13	5			Niagara Falls, N. Y.		1		
Brunswick, Ga.	1				Norwalk, Conn.	1			
Buffalo, N. Y.	1				Oakland, Calif.	2	3		
Cambridge, Mass.	1				Oklahoma City, Okla.				1
Charleston, S. C.				1	Olean, N. Y.				1
Charlotte, N. C.		1			Omaha, Nebr.				1
Chicago, Ill.			43	21	Orange, Conn.	2	1		
Chicopee, Mass.		1			Oshkosh, Wis.		1		
Cincinnati, Ohio.		1			Paterson, N. J.			1	
Cleveland, Ohio.			7	15	Pawtucket, R. I.		1		
Covington, Ky.		1			Peoria, Ill.		2		
Dallas, Tex.		1			Philadelphia, Pa.	17	9		
Dayton, Ohio.	1				Pittsfield, Mass.	1			
Denver, Colo.		3		5	Portsmouth, Va.		1		
Detroit, Mich.	3	5	3	6	Racine, Wis.		1		
Duluth, Minn.	1	1			Rochester, N. Y.		1		
East Chicago, Ind.		1			Rome, Ga.	1			
Elmira, N. Y.			1	1	Sacramento, Calif.				3
Flint, Mich.	1				Salt Lake City, Utah.		2		
Hackensack, N. J.			1	1	San Diego, Calif.	1			
Hammond, Ind.				1	Sandusky, Ohio.			2	1
Kansas City, Kans.	1				San Francisco, Calif.	6	5		
Kansas City, Mo.				5	San Jose, Calif.			1	
Long Beach, Calif.	2				Sault Ste. Marie, Mich.	1	2		
Los Angeles, Calif.	4	2	4	3	Somerville, Mass.		1		
Louisville, Ky.		1			Springfield, Mass.	1	1		
Lowell, Mass.	1	1			Syracuse, N. Y.				1
Macon, Ga.				1	Terre Haute, Ind.		1		
Malden, Mass.		1			Washington, D. C.				2
Memphis, Tenn.		3			White Plains, N. Y.		1		
Milwaukee, Wis.		5			Wilmington, Del.	1			
Minneapolis, Minn.		1			Worcester, Mass.	1			
Montclair, N. J.	1				Yonkers, N. Y.		2		
Montgomery, Ala.		1			Youngstown, Ohio.		1		
Nashville, Tenn.		1							

POLIOMYELITIS (INFANTILE PARALYSIS).**State Reports for August, 1919.**

Place.	New cases reported.	Place.	New cases reported.
Louisiana:		West Virginia:	
Allen Parish.....	1	Cabell County.....	2
Jefferson Davis Parish.....	1	Harrison County.....	1
Orleans Parish.....	1	Kanawha County.....	2
St. Landry Parish.....	1	Wood County.....	1
Total.....	4	Total.....	6
New Jersey:			
Essex County.....	2		
Middlesex County.....	1		
Passaic County.....	1		
Union County.....	1		
Total.....	5		

City Reports for Week Ended Sept. 6, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.....	6	1	Holyoke, Mass.....	1	
Beloit, Wis.....	3		Milwaukee, Wis.....	2	
Birmingham, Ala.....	2	1	New York, N. Y.....	1	
Chicago, Ill.....	4		Reading, Pa.....	2	
Detroit, Mich.....	1		Rockford, Ill.....	1	
Grand Rapids, Mich.....	1				

RABIES IN ANIMALS.**Akron, Ohio, Dayton, Ohio, and La Crosse, Wis.**

During the week ended September 2, 1919, there were reported two cases of rabies in animals at Akron, Ohio, two at Dayton, Ohio, and one at La Crosse, Wis.

SCARLET FEVER.

See Telegraphic weekly reports from States, p. 2151; Monthly summaries by States, p. 2155; and Weekly reports from cities, p. 2163.

SMALLPOX.**Colorado Report for July, 1919—Vaccination Histories.**

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
Colorado:						
Alamosa County.....	1				1	
Arapahoe County.....	2				2	
Boulder County.....	9				6	3
Denver County.....	49		5		44	
Grand County.....	4		1		3	
Gunnison County.....	7					7
Huerfano County.....	1				1	
Kit Carson County.....	1				1	
Larimer County.....	3				2	1
Las Animas County.....	1					1
Morgan County.....	8				2	6
Pueblo County.....	6					6
San Miguel County.....	6				3	3
Weld County.....	6				4	2
Total.....	104		6		69	29

SMALLPOX—Continued.

State Reports for July and August, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Louisiana (August):			Maine (August):		
Allen Parish.....	1	.....	Androscoggin County—		
Avoynes Parish.....	1	.....	Lewiston.....	8	.....
Caddo Parish.....	1	.....	Franklin County—		
Calcasieu Parish.....	2	.....	Wilton (town).....	1	.....
East Baton Rouge Parish	18	.....	Kennebec County—		
Madison Parish.....	3	.....	Clinton (town).....	1	.....
Orleans Parish.....	3	.....	Lincoln County—		
Richland Parish.....	2	.....	Boothbay (town).....	9	.....
St. Helena Parish.....	1	.....	Penobscot County—		
St. James Parish.....	11	.....	Orono (town).....	1	.....
Vermilion Parish.....	1	.....	Sagadahoc County—		
Winn Parish.....	2	.....	Bath.....	4	.....
Total.....	44	.....	Waldo County—		
			Belfast.....	1	.....
Maine (July):			Total.....	25	.....
Androscoggin County—			West Virginia (August):		
Lewiston.....	12	.....	Barbour County.....	3	.....
Anburn.....	4	.....	Braxton County.....	1	.....
East Livermore (town)	1	.....	Doddridge County.....	8	.....
Hancock County—			Fayette County.....	6	.....
Long Pond (plantation)	1	.....	Greenbrier County.....	3	.....
Kennebec County—			Harrison County.....	3	.....
Augusta.....	1	.....	Kanawha County.....	3	.....
Pittston (town).....	7	.....	Lewis County.....	3	.....
Lincoln County—			Logan County.....	1	.....
Boothbay (town).....	2	.....	McDowell County.....	8	.....
Oxford County—			Marion County.....	1	.....
Norway (town).....	1	.....	Mineral County.....	5	.....
Paris (town).....	9	.....	Mingo County.....	1	.....
Penobscot County—			Monongalia County.....	8	.....
Orono (town).....	1	.....	Raleigh County.....	3	.....
Sagadahoc County—			Summers County.....	3	.....
Topsham (town).....	1	.....	Taylor County.....	5	.....
Total.....	40	.....	Wayne County.....	1	.....
			Wood County.....	2	.....
			Total.....	68	.....

City Reports for Week Ended Sept. 6, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Battle Creek, Mich.....	2	.....	Kansas City, Mo.....	1	.....
Beloit, Wis.....	1	.....	La Fayette, Ind.....	4	.....
Boise, Idaho.....	3	.....	Macon, Ga.....	1	.....
Chicago, Ill.....	2	.....	Manitowoc, Wis.....	2	.....
Cincinnati, Ohio.....	1	.....	Minneapolis, Minn.....	1	.....
Cleveland, Ohio.....	5	.....	Moline, Ill.....	1	.....
Columbus, Ga.....	1	.....	Oklahoma City, Okla.....	1	.....
Dallas, Tex.....	1	.....	Omaha, Nebr.....	4	.....
Danville, Va.....	1	.....	Parsons, Kans.....	1	.....
Denver, Colo.....	4	.....	Portland, Oreg.....	21	.....
Des Moines, Iowa.....	1	.....	Racine, Wis.....	1	.....
Detroit, Mich.....	1	.....	St. Cloud, Minn.....	1	.....
El Paso, Tex.....	1	.....	St. Joseph, Mo.....	1	.....
Fairmont, W. Va.....	1	.....	Salt Lake City, Utah.....	1	.....
Fond du Lac, Wis.....	1	.....	San Diego, Calif.....	1	.....
Fort Wayne, Ind.....	1	.....	San Francisco, Calif.....	3	.....
Grand Rapids, Mich.....	1	.....	Stockton, Calif.....	1	.....
Kalamazoo, Mich.....	1	.....	Wichita, Kans.....	1	.....

TETANUS.**City Reports for Week Ended Sept. 6, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Beaumont, Tex.....		1	Oklahoma City, Okla.....		1
Boston, Mass.....		1	Olean, N. Y.....		1
Cleveland, Ohio.....	1	1	Philadelphia, Pa.....	1	
Kansas City, Kans.....	1		St. Louis, Mo.....	1	
Lexington, Ky.....		1	Savannah, Ga.....		2
New York, N. Y.....		1			

TUBERCULOSIS.

See Telegraphic weekly reports from States, p. 2151; and Weekly reports from cities, p. 2163.

TYPHOID FEVER.**State Reports for July and August, 1919.**

Place.	New cases reported.	Place.	New cases reported.
Colorado (July):		Maine (July):	
Adams County.....	1	Aroostook County—	
Archuleta County.....	1	Fort Fairfield (town).....	1
Denver County.....	10	Cumberland County—	
El Paso County.....	4	Portland.....	8
Huerfano County.....	2	Westbrook.....	2
Las Animas County.....	1	South Portland.....	1
Montrose County.....	9	Hancock County—	
Otero County.....	2	Winter Harbor (town).....	1
Pueblo County.....	7	Kennebec County—	
Weld County.....	1	Augusta.....	4
Total.....	38	Penobscot County—	
Louisiana (August):		Charleston (town).....	1
Assumption Parish.....	7	Oldtown.....	1
Avoyelles Parish.....	1	Piscataquis County—	
Beauregard Parish.....	6	Milo (town).....	1
Blenville Parish.....	3	Waldo County—	
Bossier Parish.....	1	Belfast.....	1
Caddo Parish.....	3	Washington County—	
Calcasieu Parish.....	1	Calais.....	1
Caliborne Parish.....	1	York County—	
De Soto Parish.....	4	Saco.....	1
East Baton Rouge Parish.....	1	South Berwick (town).....	1
East Feliciana Parish.....	4	Sanford (town).....	2
Iberville Parish.....	2	Total.....	26
Jackson Parish.....	3	Maine (August):	
Jefferson Parish.....	2	Cumberland County—	
Jefferson Davis Parish.....	2	Harrison (town).....	1
Lafourche Parish.....	2	Portland.....	10
Lincoln Parish.....	3	Westbrook.....	3
Morehouse Parish.....	2	Kennebec County—	
Natchitoches Parish.....	4	Mount Vernon (town).....	1
Orleans Parish.....	21	Gardiner.....	1
Ouachita Parish.....	7	Waterville.....	1
Plaquemines Parish.....	2	Knox County—	
Rapides Parish.....	1	Rockland.....	1
Red River Parish.....	4	Oxford County—	
Richland Parish.....	2	Rumford (town).....	1
Sabine Parish.....	3	Penobscot County—	
St. Charles Parish.....	1	Garland (town).....	1
St. Helena Parish.....	1	Piscataquis County—	
St. John Parish.....	2	Milo (town).....	2
St. Landry Parish.....	11	Washington County—	
St. Mary Parish.....	3	Calais.....	1
St. Tammany Parish.....	2	York County—	
Tangipahoa Parish.....	1	Sanford (town).....	1
Union Parish.....	1	Total.....	24
Vermilion Parish.....	2	New Jersey (August):	
Vernon Parish.....	10	Atlantic County.....	6
Washington Parish.....	1	Bergen County.....	3
Total.....	127	Burlington County.....	4

TYPHOID FEVER—Continued.

State Reports for July and August, 1919—Continued.

Place.	New cases reported.	Place.	New cases reported.
New Jersey (August)—Continued.		West Virginia (August)—Continued.	
Camden County.....	11	Kanawha County.....	30
Cape May County.....	3	Lewis County.....	17
Cumberland County.....	5	Lincoln County.....	3
Essex County.....	12	Logan County.....	4
Gloucester County.....	2	McDowell County.....	21
Hudson County.....	9	Marion County.....	8
Mercer County.....	6	Marshall County.....	1
Middlesex County.....	3	Mercer County.....	12
Monmouth County.....	5	Mineral County.....	7
Morris County.....	1	Mingo County.....	8
Passaic County.....	13	Monongalia County.....	18
Somerset County.....	1	Monroe County.....	26
Union County.....	7	Morgan County.....	1
Total.....	91	Ohio County.....	6
West Virginia (August):		Pendleton County.....	5
Barbour County.....	5	Pocahontas County.....	1
Berkeley County.....	9	Preston County.....	25
Boone County.....	8	Putnam County.....	2
Braxton County.....	4	Raleigh County.....	2
Brooke County.....	1	Randolph County.....	5
Cabell County.....	25	Ritchie County.....	2
Clay County.....	1	Roane County.....	6
Doddridge County.....	7	Summers County.....	19
Fayette County.....	10	Tucker County.....	16
Gilmer County.....	1	Tyler County.....	1
Grant County.....	3	Unshur County.....	1
Greenbrier County.....	4	Wayne County.....	7
Hampshire County.....	3	Webster County.....	13
Hancock County.....	5	Wetzel County.....	11
Harrison County.....	5	Wirt County.....	3
Jackson County.....	1	Wood County.....	2
Jefferson County.....	2	Wyoming County.....	7
		Total.....	384

City Reports for Week Ended Sept. 6, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	1		Covington, Ky.....	1	
Albany, N. Y.....	1		Cumberland, Md.....	1	
Allentown, Pa.....	2		Dallas, Tex.....	5	
Altoona, Pa.....	1		Davenport, Iowa.....	1	
Arlington, Mass.....	1		Dayton, Ohio.....	2	
Asbury Park, N. J.....	2		Decatur, Ill.....	1	
Atlanta, Ga.....	3	1	Denver, Colo.....	8	1
Atlantic City, N. J.....	1		Des Moines, Iowa.....	1	
Austin, Tex.....	1		Detroit, Mich.....	9	3
Baltimore, Md.....	12	3	Du Bois, Pa.....	1	
Benton Harbor, Mich.....	1		East St. Louis, Ill.....	1	
Binghamton, N. Y.....	1		Elizabeth, N. J.....	1	
Birmingham, Ala.....	2	2	Elmira, N. Y.....	2	
Boise, Idaho.....	5		El Paso, Tex.....	2	
Boston, Mass.....	4		Englewood, N. J.....	1	
Buffalo, N. Y.....	1	3	Eric, Pa.....	1	
Butler, Pa.....	1		Fairmont, W. Va.....	2	
Cambridge, Mass.....	1		Fall River, Mass.....	3	
Cape Girardeau, Mo.....		1	Flint, Mich.....	4	
Carlisle, Pa.....	1		Fort Wayne, Ind.....	2	
Charleston, S. C.....	2		Fremont, Ohio.....	1	
Charleston, W. Va.....	1		Galesburg, Ill.....	2	
Charlotte, N. C.....	1		Gloucester, N. J.....	1	
Chelsea, Mass.....	1		Gloversville, N. Y.....	1	
Cheyenne, Wyo.....	1	1	Greensburg, Pa.....	1	
Chicago, Ill.....	5		Hammond, Ind.....	1	
Cincinnati, Ohio.....	2		Hartford, Conn.....	4	
Cleveland, Ohio.....	4	1	Haverhill, Mass.....	1	
Clinton, Mass.....	1		Hoboken, N. J.....	1	
Coffeyville, Kans.....	1		Indianapolis, Ind.....	1	1
Colorado Springs, Colo.....	1		Jamestown, N. Y.....	1	
Columbia, S. C.....	3		Jersey City, N. J.....	1	
Columbus, Ohio.....	3		Kankakee, Ill.....	1	
Concord, N. H.....	1		Kansas City, Mo.....		1

TYPHOID FEVER—Continued.

City Reports for Week Ended Sept. 6, 1919—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Lancaster, Ohio.....	1	.....	Poughkeepsie, N. Y.	1	.....
Lawrence, Kans.....	1	.....	Providence, R. I.	5	.....
Lawrence, Mass.....	2	.....	Pueblo, Colo.....	2	.....
Lexington, Ky.....	3	.....	Quincy, Ill.....	2	.....
Lima, Ohio.....	3	.....	Quincy, Mass.....	1	.....
Los Angeles, Calif.....	3	.....	Reading, Pa.....	1	.....
Louisville, Ky.....	7	1	Richmond, Va.....	2	.....
Lowell, Mass.....	9	2	Roanoke, Va.....	6	.....
Lynchburg, Va.....	2	.....	Rochester, N. Y.....	1	.....
Macon, Ga.....	.....	1	Sacramento, Calif.....	1	.....
Marion, Ohio.....	1	.....	Saginaw, Mich.....	1	.....
Marlboro, Mass.....	3	.....	St. Cloud, Minn.....	1	.....
Medford, Mass.....	3	.....	St. Joseph, Mo.....	1	.....
Memphis, Tenn.....	.....	1	St. Louis, Mo.....	11	2
Meriden, Conn.....	1	.....	St. Paul, Minn.....	1	.....
Middletown, N. Y.....	1	.....	Salem, Mass.....	1	.....
Mobile, Ala.....	2	.....	San Diego, Calif.....	3	.....
Montclair, N. J.....	3	.....	San Francisco, Calif.....	1	.....
Montgomery, Ala.....	1	.....	Santa Barbara, Calif.....	1	.....
Morgantown, W. Va.....	1	.....	Sault Ste. Marie, Mich.....	3	.....
Nashville, Tenn.....	2	1	Savannah, Ga.....	1	.....
New Bedford, Mass.....	1	.....	Scranton, Pa.....	1	.....
Newburgh, N. Y.....	1	.....	Spartanburg, S. C.....	1	.....
New Haven, Conn.....	4	1	Springfield, Mass.....	1	.....
New Orleans, La.....	5	1	Springfield, Ohio.....	1	.....
New York, N. Y.....	55	5	Stamford, Conn.....	1	.....
North Tonawanda, N. Y.....	3	.....	Steubenville, Ohio.....	2	.....
Oak Park, Ill.....	1	.....	Stockton, Calif.....	2	1
Oklahoma City, Okla.....	1	1	Syracuse, N. Y.....	1	.....
Omaha, Nebr.....	1	.....	Troy, N. Y.....	5	.....
Parkersburg, W. Va.....	3	.....	Uniontown, Pa.....	1	.....
Parsons, Kans.....	1	.....	Washington, D. C.....	3	.....
Passaic, N. J.....	1	.....	Waterbury, Conn.....	3	.....
Perth Amboy, N. J.....	2	.....	White Plains, N. Y.....	1	.....
Philadelphia, Pa.....	23	3	Wichita, Kans.....	2	.....
Piqua, Ohio.....	1	.....	Wilkes-Barre, Pa.....	1	.....
Pittsburgh, Pa.....	2	.....	Winston-Salem, N. C.....	.....	1
Pittsfield, Mass.....	1	.....	Worcester, Mass.....	1	.....
Portland, Oreg.....	3	.....	Yonkers, N. Y.....	4	.....
Portsmouth, Va.....	1	.....		

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City Reports for Week Ended Sept. 6, 1919.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Akron, Ohio.....	93,604	31	1	.....	.....	.....	3	.....	11	.....
Alameda, Calif.....	28,433	5	.....	.....	2	.....	.....	.....	.....	.....
Albany, N. Y.....	106,632	.....	1	.....	.....	.....	1	.....	3	.....
Allentown, Pa.....	65,109	.....	4	.....	.....	.....	.....	.....	3	.....
Alliance, Ohio.....	19,581	6	1	.....	.....	.....	.....	.....	1	.....
Alton, Ill.....	23,783	6	1	.....	.....	.....	1	.....	.....	1
Altoona, Pa.....	59,712	.....	9	.....	.....	.....	.....	.....	2	.....
Anderson, Ind.....	24,230	3	.....	.....	.....	.....	.....	.....	.....	.....
Ann Arbor, Mich.....	15,041	9	.....	.....	.....	.....	.....	.....	.....	1
Ansonia, Conn.....	16,954	2	.....	.....	1	.....	.....	.....	.....	1
Appleton, Wis.....	18,005	3	.....	.....	.....	.....	.....	.....	1	1
Arlington, Mass.....	13,073	4	.....	.....	.....	.....	.....	.....	1	.....
Asbury Park, N. J.....	14,629	4	.....	.....	.....	.....	.....	.....	.....	.....
Ashtabula, Ohio.....	22,008	6	.....	.....	.....	.....	.....	.....	.....	1
Atlanta, Ga.....	196,144	47	.....	.....	.....	.....	5	1	.....	5
Atlantic City, N. J.....	59,515	12	.....	.....	.....	.....	1	.....	4	1
Attleboro, Mass.....	19,776	2	.....	.....	.....	.....	.....	.....	.....	.....
Auburn, N. Y.....	37,823	17	.....	.....	.....	.....	.....	.....	5	.....
Austin, Tex.....	35,612	2	2	.....	.....	.....	.....	.....	1	.....
Baltimore, Md.....	594,637	167	13	1	2	.....	8	.....	15	20

* Population April 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Sept. 6, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Baton Rouge, La.	17,544	7	1				1			2
Battle Creek, Mich.	30,159		4		1					
Bayonne, N. J.	72,204		5				1		3	
Beatrice, Nebr.	10,437	6								1
Beaumont, Tex.	28,851	10								3
Bedford, Ind.	10,613	2								
Beloit, Wis.	18,547	5								1
Benton Harbor, Mich.	11,099	3								
Berkeley, Calif.	60,427	6					1		1	
Berlin, N. H.	13,892	5			1		6	1		
Beverly, Mass.	22,128	4					1		2	
Biddeford, Me.	17,760	5								2
Binghamton, N. Y.	54,864	15	2	1						
Birmingham, Ala.	189,716	52	6		2		3		15	6
Bloomington, Ind.	11,661	3	1				1			1
Bluefield, W. Va.	16,123	1	1							
Boise, Idaho	35,951		3				2			6
Boston, Mass.	767,813	183	25	3	7		17		37	23
Braddock, Pa.	22,060						1			
Brazil, Ind.	10,472	2								
Bridgeport, Conn.	124,724	29	5	2	2				1	2
Bristol, Conn.	16,318	5								
Brookline, Mass.	33,526	7					1			
Brunswick, Ga.	10,984	2								
Buffalo, N. Y.	475,781	125	44	6	2		4		17	9
Burlington, Iowa	25,144	10	1							
Burlington, Vt.	21,802	6								
Butler, Pa.	28,677		4				5			
Cadillac, Mich.	10,158	1	1							
Cairo, Ill.	15,995	8								2
Cambridge, Mass.	114,293	18		1					2	2
Canton, Ohio	62,566	12								
Cape Girardeau, Mo.	11,146	1					2			
Carbondale, Pa.	19,597		4							
Chambersburg, Pa.	12,475	2								
Chanute, Kans.	12,968	4					1			
Charleston, S. C.	61,041	18	3							2
Charleston, W. Va.	31,060	11								2
Charlotte, N. C.	40,759	14	6				1			
Chelsea, Mass.	48,405	6					1		2	
Chester, Pa.	41,857		1				1			
Cheyenne, Wyo.	111,320						1			
Chicago, Ill.	2,547,201	506	77	4	27	1	37		169	63
Chicopee, Mass.	29,950	5	1						1	
Chillicothe, Ohio	15,625	6								1
Cincinnati, Ohio	414,248	95	17	3	4		2		16	15
Cleveland, Ohio	692,259	188	30	3	4		3		49	12
Clinton, Iowa	27,678	0								
Clinton, Mass.	113,075	4	1							
Coffeyville, Kans.	18,331		1							
Cohoes, N. Y.	25,292	5								1
Colorado Springs, Colo.	38,965	17							6	5
Columbia, S. C.	35,165		1						1	
Columbus, Ga.	26,306	12							1	3
Columbus, Ohio	220,135	45	1				3		4	5
Concord, N. H.	22,858	10								
Council Bluffs, Iowa	31,838	9	2				1			
Covington, Ky.	59,623	5			1		1		1	2
Cranston, R. I.	26,773	4	1							
Cumberland, Md.	26,686	5	2						3	
Dallas, Tex.	129,738	28	4		1		1		4	2
Danville, Ill.	32,969	1	1							1
Danville, Va.	20,183								1	
Davenport, Iowa	49,618		2				1			
Dayton, Ohio	128,939	38	3	1			2		3	
Decatur, Ill.	41,483	7	4				1			
Dedham, Mass.	10,618	2								
Denver, Colo.	268,439	55	10	1	1		3			9
Des Moines, Iowa	104,052						3		2	
Detroit, Mich.	619,648	166	49	2	10	2	26		26	13
Du Bois, Pa.	14,994	1								
Dubuque, Iowa	40,096									

1 Population April 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Sept. 6, 1919—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Duluth, Minn.	97,077	11	8						3	1
Dunmore, Pa.	21,286		1							
Durham, N. C.	26,160	3							2	
East Chicago, Ind.	30,286	9								
East Cleveland, Ohio.	13,864		2							
East Orange, N. J.	43,761	3	3						2	
East St. Louis, Ill.	77,312	14	1		1		1		11	2
Eau Claire, Wis.	18,887		1				1		1	
Elgin, Ill.	28,562	9								
Elizabeth, N. J.	88,830	29	5				1	1	4	4
Elmira, N. Y.	38,272	13	1	1	1		1		1	
El Paso, Tex.	69,140	27								7
Englewood, N. J.	12,603	1								
Erie, Pa.	76,592		5		1		2		9	
Evanston, Ill.	29,304	7								
Everett, Mass.	40,160	2	2						3	1
Fairmount, W. Va.	16,111		1				1			
Fall River, Mass.	129,828	23	1		2		1		6	1
Fargo, N. Dak.	17,872	2								
Farrell, Pa.	10,190		1				3			
Findlay, Ohio.	14,858	8	1						1	
Flint, Mich.	57,586	3	1				1			
Fond du Lac, Wis.	21,486	1	1				1			
Fort Dodge, Iowa.	21,039	0								
Fort Scott, Kans.	10,594	0								
Fort Wayne, Ind.	78,014	19					1			2
Fostoria, Ohio.	10,959	1								
Fremont, Nebr.	10,080	2								
Fremont, Ohio.	11,054	3								1
Galesburg, Ill.	24,629	9								
Galveston, Tex.	42,650	9								
Gloversville, N. Y.	22,314				3				1	
Grand Rapids, Mich.	132,861	31					3		1	
Greely, Colo.	11,942	2								
Green Bay, Wis.	30,017	9	2	1						
Greenfield, Mass.	12,251	1								
Greensboro, N. C.	20,171	6								1
Greensburg, Pa.	15,881						1			
Greenwich, Conn.	19,594						2		1	
Hackensack, N. J.	17,412	8	1						3	1
Hammond, Ind.	27,016	4								
Hancock, Mich.	12,578	2								
Harrisburg, Pa.	73,276		2				2			
Harrison, N. J.	17,345		1				1		1	
Hartford, Conn.	112,851	29	4	1			2			2
Haverhill, Mass.	49,180	6	1						2	1
Hazelton, Pa.	28,981				11		1			
Highland Park, Mich.	33,859	3	4	1						
Hoboken, N. J.	78,324	12							2	1
Holyoke, Mass.	66,503	16					4		2	2
Hudson, N. Y.	12,898	2								
Hutchinson, Kans.	21,461						2		1	
Independence, Mo.	11,964	4								
Indianapolis, Ind.	283,622	66	6	1	2		5		10	6
Iowa City, Iowa.	11,626						2	1		
Ironton, Ohio.	14,079	5								
Ironwood, Mich.	15,095	6								1
Irrington, N. J.	16,710								2	
Ithaca, N. Y.	16,017	5								
Jamestown, N. Y.	37,431	15	1				1			
Jersey City, N. J.	312,557		6						16	
Johnstown, N. Y.	10,678	2								
Johnstown, Pa.	70,473		7		10		1			
Joplin, Mo.	33,400	2								
Kalamazoo, Mich.	50,403	18	1				3		1	1
Kankakee, Ill.	14,270	3	1							
Kansas City, Kans.	102,096						3		4	
Kansas City, Mo.	305,816	69	5		1		3		1	8
Kearny, N. J.	24,325	5			1					
Knoxville, Tenn.	59,112		2	1			2	1	2	2
Kokomo, Ind.	21,929	3								1
Lackawanna, N. Y.	16,219	9	4							1

1 Population April 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Sept. 6, 1919—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
La Crosse, Wis.	31,833	8					1	1		
La Fayette, Ind.	21,481	3							1	
Lakewood, Ohio	23,813	2								
Lancaster, Ohio	16,086	1	1							
Lancaster, Pa.	51,437								13	
Lawrence, Kans.	13,477	1								
Lawrence, Mass.	102,923	20					1		4	3
Lebanon, Pa.	20,947						6		1	
Leominster, Mass.	21,365	2								
Lexington, Ky.	41,997	15	1				4		14	3
Lima, Ohio	37,145	6					1		2	
Lincoln, Nebr.	46,957	12	1						2	
Lincoln, R. I.	10,473		1							
Logansport, Ind.	21,338	3	1							
Long Beach, Calif.	29,163	7					1		1	1
Long Branch, N. J.	15,733								3	
Los Angeles, Calif.	535,485				1		6		33	20
Louisville, Ky.	240,808	37	9				3			3
Lowell, Mass.	114,366	27	1						3	1
Ludington, Mich.	10,566	3								1
Lynchburg, Va.	33,497	11					1		1	1
Lynn, Mass.	104,534	21	5				9		2	3
McKeesport, Pa.	48,299		2						1	
Macon, Ga.	46,099	22								1
Madison, Wis.	31,315	6								
Mahanoy City, Pa.	17,700		2				1			
Malden, Mass.	52,243	9	1							
Manchester, N. H.	79,697	18	5						1	2
Manitowoc, Wis.	13,931	5							4	
Manitowish, Minn.	10,365	1					2			
Marion, Ind.	19,923	5	1	1					1	1
Marion, Ohio	24,129		1							
Marlboro, Mass.	15,285	3					1		1	
Marquette, Mich.	12,555	5			1		1			
Martinsburg, W. Va.	12,984									
Mason City, Iowa	14,938	5					1			1
Meadville, Pa.	13,968		1							
Medford, Mass.	26,681	5	1		1					
Melrose, Mass.	17,724	8								
Memphis, Tenn.	151,877	14	7				7			5
Meriden, Conn.	29,431									1
Methuen, Mass.	14,320	4							1	
Middletown, N. Y.	15,890			1					1	1
Middletown, Ohio	16,384	3					1		2	
Milwaukee, Wis.	445,008	93	8	1	4		19		12	6
Minneapolis, Minn.	373,448	65	8		3		4		14	8
Missoula, Mont.	19,075						1			
Mobile, Ala.	59,201	15	2							1
Moline, Ill.	27,976	9	1				1			
Monessen, Pa.	23,070		6							
Montclair, N. J.	27,087								1	
Montgomery, Ala.	44,039	21	4						1	1
Morgantown, W. Va.	14,444	2					1			
Moundsville, W. Va.	11,513	5								
Mount Carmel, Pa.	20,709								2	
Mount Vernon, N. Y.	37,901	12							1	
Nanticoke, Pa.	23,811									
Nashua, N. H.	27,541	7					2	1		
Nashville, Tenn.	118,136	40	1				10		2	2
Natick, Mass.	10,140	4							1	1
Newark, N. J.	418,789	72	8		1		5		38	7
New Bedford, Mass.	121,622	27	5		4		2		3	3
New Britain, Conn.	55,385	9	4				1			
Newburgh, N. Y.	29,893	9							1	2
Newburyport, Mass.	15,291	5								
New Castle, Pa.	41,915						2			
New Haven, Conn.	152,275	47	6		4		3		10	8
New London, Conn.	21,199	5	1		1					1
New Orleans, La.	377,010	129	2				1		45	13
Newport, R. I.	30,585	3								
Newton, Mass.	44,345	8							1	

¹ Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Sept. 6, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New York, N. Y.	5,737,492	1,036	114	10	35	2	22	1	165	122
Niagara Falls, N. Y.	38,466	10	2	2	1	1	1	1	4	4
Norristown, Pa.	31,969	3	3	3	1	1	1	1	2	2
North Adams, Mass.	22,019	3	3	3	1	1	1	1	1	1
Northampton, Mass.	20,006	9	9	9	1	1	1	1	1	1
North Attleboro, Mass.	11,248	3	3	3	1	1	1	1	1	1
North Tonawanda, N. Y.	14,060	6	6	6	1	1	1	1	1	1
Norwich, Conn.	21,923	1	1	1	1	1	1	1	1	1
Norwood, Ohio.	23,269	3	3	3	1	1	1	1	1	1
Oakland, Calif.	206,405	40	2	2	3	3	2	2	4	5
Oak Park, Ill.	27,816	3	3	3	1	1	1	1	1	1
Oil City, Pa.	20,162	2	2	2	1	1	1	1	1	1
Oklahoma City, Okla.	97,588	22	2	2	1	1	2	2	1	2
Omaha, Nebr.	177,777	24	4	4	1	1	1	1	1	1
Orange, N. J.	33,636	11	1	1	1	1	1	1	1	1
Oshkosh, Wis.	36,549	7	7	7	1	1	1	1	1	1
Parkersburg, W. Va.	21,059	6	1	1	1	1	1	1	2	1
Pasadena, Calif.	49,620	9	9	9	1	1	1	1	3	1
Passaic, N. J.	74,478	11	11	11	1	1	1	1	1	1
Paterson, N. J.	140,512	2	2	2	1	1	2	2	6	1
Pawtucket, R. I.	60,666	14	14	14	1	1	1	1	1	1
Peekskill, N. Y.	19,034	2	2	2	1	1	1	1	1	1
Pekin, Ill.	10,973	1	1	1	1	1	1	1	1	1
Peoria, Ill.	72,184	22	7	1	1	1	5	5	1	1
Perth Amboy, N. J.	42,646	9	3	3	1	1	1	1	1	1
Philadelphia, Pa.	1,735,514	368	41	7	21	21	26	26	75	51
Phillipsburg, N. J.	15,879	4	4	4	1	1	1	1	1	1
Piqua, Ohio.	14,275	5	5	5	1	1	1	1	2	2
Pittsburgh, Pa.	586,196	19	19	19	3	3	3	3	12	1
Pittsfield, Mass.	39,678	10	10	10	1	1	1	1	1	1
Plainfield, N. J.	24,330	2	2	2	1	1	1	1	1	1
Plymouth, Mass.	14,001	2	2	2	1	1	1	1	1	1
Plymouth, Pa.	19,439	3	3	3	1	1	1	1	1	1
Pomona, Calif.	13,624	9	9	9	1	1	1	1	1	1
Pontiac, Mich.	18,006	11	4	1	7	7	1	1	1	1
Portland, Me.	64,720	15	3	3	1	1	1	1	1	1
Portland, Oreg.	308,399	38	4	4	2	2	2	2	6	4
Portsmouth, Ohio.	29,356	10	10	10	1	1	1	1	2	2
Portsmouth, Va.	40,693	10	10	10	1	1	1	1	1	1
Pottstown, Pa.	16,987	2	2	2	1	1	1	1	1	1
Pottsville, Pa.	22,717	1	1	1	1	1	1	1	1	1
Poughkeepsie, N. Y.	30,786	10	10	10	1	1	1	1	3	3
Providence, R. I.	259,895	55	8	8	1	1	4	4	1	5
Pueblo, Colo.	56,084	1	1	1	1	1	1	1	1	1
Quincy, Ill.	36,832	8	8	8	1	1	1	1	1	1
Quincy, Mass.	39,022	2	2	2	1	1	1	1	1	1
Racine, Wis.	47,465	7	7	7	1	1	1	1	1	1
Rahway, N. J.	10,361	0	0	0	1	1	1	1	1	1
Raleigh, N. C.	20,274	3	3	3	1	1	1	1	1	1
Reading, Pa.	111,607	3	3	3	1	1	3	3	7	7
Redlands, Calif.	14,573	1	1	1	1	1	1	1	1	1
Reno, Nev.	15,514	2	2	2	1	1	1	1	1	1
Richmond, Va.	158,702	42	4	1	1	1	9	9	7	1
Riverside, Calif.	20,496	3	3	3	1	1	1	1	1	1
Roanoke, Va.	46,282	13	13	13	1	1	3	3	1	1
Rochester, N. Y.	264,714	41	7	7	2	2	6	6	9	1
Rockford, Ill.	56,739	14	1	1	1	1	1	1	1	1
Rock Island, Ill.	29,452	4	4	4	1	1	1	1	1	1
Rocky Mount, N. C.	12,673	5	5	5	1	1	1	1	1	1
Rome, Ga.	15,607	4	4	4	1	1	1	1	1	1
Rome, N. Y.	24,259	2	2	2	1	1	1	1	1	1
Sacramento, Calif.	68,984	1	1	1	1	1	1	1	1	1
Saginaw, Mich.	56,469	1	1	1	1	1	1	1	1	1
St. Joseph, Mo.	86,498	17	3	1	1	1	1	1	1	1
St. Louis, Mo.	768,630	158	58	6	1	1	7	7	20	8
St. Paul, Minn.	252,465	39	17	2	1	1	2	2	11	3
Salem, Mass.	49,346	13	3	1	1	1	4	4	3	1
Salt Lake City, Utah.	121,623	19	2	1	1	1	1	1	2	1
San Angelo, Tex.	10,321	0	0	0	1	1	1	1	1	1
San Bernardino, Calif.	17,616	4	4	4	1	1	1	1	1	1
San Diego, Calif.	56,412	7	7	7	1	1	1	1	1	1
Sandusky, Ohio.	20,226	5	5	5	1	1	1	1	1	1

1 Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Sept. 6, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
San Francisco, Calif.	471,023	117	7	1	17		4		17	13
San Jose, Calif.	39,810		1				1			
Santa Barbara, Calif.	15,360	2			1				1	
Saratoga Springs, N. Y.	13,839	1	1						1	1
Saugus, Mass.	10,210	2								
Sault Ste. Marie, Mich.	14,130	7							1	1
Savannah, Ga.	69,250	27	9	1					3	1
Schenectady, N. Y.	103,774	18	1		1		1		4	
Scranton, Pa.	149,541		3				1			
Shamokin, Pa.	21,274		6		1					
Sharon, Pa.	19,156						1			
Shenandoah, Pa.	29,753		2							
Sioux City, Iowa.	58,568		1							
Somerville, Mass.	88,618	8	3				3		2	
South Bend, Ind.	70,967	11	1						5	
Southbridge, Mass.	14,465	5							1	
Spartanburg, S. C.	21,985	8	2						2	1
Springfield, Ill.	62,623	11	3		3					2
Springfield, Mass.	108,668	25	2				1		6	1
Springfield, Mo.	41,169	11								5
Springfield, Ohio.	52,236	10					1		2	
Stamford, Conn.	31,810		3							
Steelton, Pa.	15,759		1							
Steubenville, Ohio.	28,259	8								
Stockton, Calif.	36,209	3								
Superior, Wis.	47,167	14	5	1						2
Syracuse, N. Y.	158,559	32	6				2			3
Taunton, Mass.	36,610	16	1	1				3		
Terre Haute, Ind.	67,361	19								1
Toledo, Ohio.	202,010	51	2		6		5		5	6
Topeka, Kans.	49,538	15								
Trenton, N. J.	113,974	30	1						6	3
Troy, N. Y.	78,091	24	1						2	3
Tuscaloosa, Ala.	10,824		1						1	
Vallejo, Calif.	13,803	4	1							
Waco, Tex.	34,015	11	4							
Wakefield, Mass.	12,947	2								
Waltham, Mass.	31,011	1							2	
Washington, D. C.	369,282		1		1		2		6	8
Waterbury, Conn.	89,201	1	2				3		4	1
Watertown, Mass.	15,188	3							1	
Watertown, N. Y.	30,404		7				2			
Wausau, Wis.	19,666	5								
West Chester, Pa.	13,403				1		1			
Westfield, Mass.	18,769	6			2					
West Hoboken, N. J.	44,386		2						2	
West New York, N. J.	19,613	1								
West Orange, N. J.	13,964	3							1	
Wheeling, W. Va.	43,657	12	4	1						
White Plains, N. Y.	23,331	5								
Wichita, Kans.	73,597	17	1						1	2
Wilkes-Barre, Pa.	78,334		2						1	
Wilkesburg, Pa.	23,899						1			
Williamsport, Pa.	34,123				1		1			
Wilmington, Del.	95,369	32	2				2			3
Winchester, Mass.	10,812	5								
Winona, Minn.	18,583								1	
Winston-Salem, N. C.	33,136	12	2						4	3
Worcester, Mass.	166,106	31	1				5		10	3
Yonkers, N. Y.	103,066	21	3				2		6	2
Youngstown, Ohio.	112,282	18	5		1		4			2
Zanesville, Ohio.	31,320	4								

4 Population Apr. 15, 1910.

FOREIGN.

BURMA.

Outbreaks of Anthrax—June, 1919.

Outbreaks of anthrax were reported in Burma, India, in June, 1919, occurring in a military battalion at Taungdwingyi and in the Upper Chindwin District.

CHILE.

Influenza—Talcahuano.

During the two weeks ended August 16, 1919, 61 cases of influenza were reported at Talcahuano, Chile. (Population, estimated, January, 1919, 30,000.) Influenza was reported prevalent in the surrounding country.

FRANCE.

Plague—Marseille.

An outbreak of plague occurring among the civil population and developing from one focus has been reported at Marseille, France. The origin of the infection has not been determined, but introduction by means of rats from Egypt has been suggested. The history of the outbreak shows that on August 11, 1919, a woman peddler living in a tenement at Marseille died without medical or other attention. On August 16, 1919, the police physician who examined the body developed plague. Later a second case, in which contact after death was shown, was reported. On August 25 a case of plague was reported in hospital in a person whose address was the same as that of the first case reported. Two other cases were reported in the tenement in which the first case occurred, the last case occurring on August 27. The total number of cases notified to August 27 was five, with three fatalities, exclusive of the first case, in which autopsy was not performed.

MEXICO.

Dengue—Vera Cruz.

Dengue was reported present at Vera Cruz, Mexico, September 2, 1919.

PLAGUE ON VESSEL.

Steamship Framlington Court—Avonmouth from Montreal.

A case of plague was reported July 25, 1919, at Avonmouth, England, from the steamship *Framlington Court* from Montreal via Sydney, Canada. The vessel sailed from Alexandria, Egypt, for Montreal May 30, 1919, arriving June 29; sailing July 4 for Sydney, Nova Scotia; sailing from that port July 9, 1919, and arriving at Avonmouth July 22, 1919.

SUMATRA.

Cholera—Medan.

Cholera was reported present at Medan, Sumatra, with eight cases occurring during the two weeks ended July 26, 1919.

VIRGIN ISLANDS.

Contagious Diseases—August, 1919.

The occurrence of contagious diseases in the Virgin Islands during the month of August, 1919, has been reported as follows:

	Cases.	Remarks.		Cases.	Remarks.
In the islands of St. Thomas and St. John:			In the island of Santa Cruz:		
Chancroid.....	11	8 imported.	Amebic dysentery.....	2	
Filariasis.....	1		Chancroid.....	1	
Gonococcus infection, genito-urinary.....	6	4 imported.	Filariasis.....	28	
Gonococcus infection, conjunctival.....	1		Gonococcus infection, genito-urinary.....	5	
Leprosy.....	1		Gonococcus infection, conjunctival.....	1	
Syphilis.....	2	Imported.	Leprosy.....	1	
Tuberculosis, pulmonary.....	1		Mumps.....	2	
Trachoma.....	3	1 imported.	Pellagra.....	3	
			Syphilis.....	2	
			Trachoma.....	3	
			Tuberculosis, pulmonary.....	2	
			Tuberculosis, other.....	1	
			Uncinariasis.....	1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During Week Ended Sept. 26, 1919.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton.....	July 27-Aug. 2....	7	3	
Swatow.....	July 27-Aug. 9....		25	
India:				
Bombay.....	July 13-19.....	37	17	
Calcutta.....	July 20-26.....		19	
Madras.....	July 27-Aug. 2....	7	4	
Philippine Islands:				
Manila.....	do.....	95	37	
Provinces.....				July 27-Aug. 2, 1919: Cases, 1,674; deaths, 1,241.
Ambos Camarines.....	July 27-Aug. 2....	44	20	
Bataan.....	do.....	3	3	
Batangas.....	do.....	186	133	
Bohol.....	do.....	9	6	
Bulacan.....	do.....	72	57	
Cavite.....	do.....	33	19	
Iloos Sur.....	do.....	84	54	
Iloilo.....	do.....	5	2	
Laguna.....	do.....	6	11	
Nueva Ecija.....	do.....	119	74	
Oriental Negros.....	do.....	34	15	
Pampanga.....	do.....	69	62	
Pangasinan.....	do.....	833	624	
Rizal.....	do.....	86	68	
Sorsogon.....	do.....	10	7	
Tayabas.....	do.....	23	21	
Union.....	do.....	88	65	
Siam:				
Bangkok.....	July 6-19.....		10	
Sumatra:				
Medan.....	July 13-26.....	8	1	

¹ From officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended Sept. 26, 1919—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Pernambuco.....	May 20-June 1.....		1	
British East Africa:				
Kisumu.....	May 18-June 28.....			Present. Zanzibar Island.
Do.....	June 29-July 19.....			Do.
Nairobi.....	June 15-21.....	1		
India:				
Bombay.....	July 13-19.....	8	5	July 13-19, 1919: Cases, 318;
Calcutta.....	July 6-12.....		2	deaths, 245.
Karachi.....	July 27-Aug. 2.....	9	7	
Mesopotamia:				
Bagdad.....	July 19-25.....	2	1	
Syria:				
Smyrna.....	Sept. 20.....			Present.
On vessel:				
S. S. Framlington Court...	July 25.....	1		From Alexandria, May 30; from Montreal, July 4; from Sydney, Nova Scotia, July 9; at Avonmouth, England, July 22, 1919.

SMALLPOX.

Brazil:				
Rio de Janeiro.....	July 6-Aug. 2.....	85	19	
British East Africa:				
Kisumu.....	Mar. 2-8.....	1	1	Zanzibar Island.
Mombasa.....	Mar. 1-June 7.....	275	37	
Mtebba.....	Mar. 24-Apr. 6.....			Present. In Uganda.
Nairobi.....	Mar. 1-May 31.....	3		
Prison Island Quarantine Station.		1	1	Zanzibar Island. In February, 1919, from vessel from India.
Canada:				
Nova Scotia—				
Halifax.....	Aug. 31-Sept. 6.....	1		
Sydney.....	do.....	2		
Ontario—				
Toronto.....	do.....	1		
China:				
Nanking.....	July 27-Aug. 9.....			Present.
Chosen (Korea):				
Chemulpo.....	July 1-31.....	1	1	
Fusan.....	do.....	4		
Cuba:				
Havana.....	Sept. 10.....	1		
Egypt:				
Alexandria.....	Aug. 6-19.....	27	14	
Great Britain:				
Cardiff.....	Aug. 24-30.....	1		
Liverpool.....	Aug. 3-16.....	5		
London.....	Aug. 3-9.....	1		
Manchester.....	July 27-Aug. 16.....	8		
Greece:				
Saloniki.....	July 6-12.....		16	
India:				
Bombay.....	July 13-19.....	19	9	
Calcutta.....	July 20-26.....		17	
Madras.....	July 27-Aug. 2.....	31	20	
Italy:				
Genoa.....	Aug. 5-17.....	3		
Messina.....	July 27-Aug. 2.....	27	9	
Java:				
West Java.....				July 11-17, 1919: Cases, 22; deaths, 4.
Mesopotamia:				
Bagdad.....	July 11-18.....	1		
Mexico:				
Vera Cruz.....	Aug. 24-30.....		9	
Palestine:				
Jaffa.....	Jan. 30-Feb. 5.....	2		
Portugal:				
Lisbon.....	July 20-Aug. 16.....	33		
Oporto.....	Aug. 17-23.....	18	11	
Spain:				
Barcelona.....	July 23-Aug. 5.....		7	
Valencia.....	Aug. 10-16.....	1		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received During Week Ended Sept. 26, 1919—Continued.****TYPHUS FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Chosen (Korea):				
Chemulpo.....	July 1-31.....	1	.....
Fusan.....	.....do.....	1	.....
Seoul.....	.....do.....	1	.....
Egypt:				
Alexandria.....	Aug. 6-19.....	49	19	
Great Britain:				
Dublin.....	Aug. 17-23.....	2	.....
Greece:				
Saloniki.....	July 6-12.....	.....	3	
Italy:				
Venice.....	Aug. 11-17.....	2	2	
Mexico:				
San Luis Potosi.....	Aug. 31-Sept. 6.....	.....	.....	Present.
Mesopotamia:				
Bagdad.....	July 19-25.....	.....	1	
Portugal:				
Lisbon.....	July 20-Aug. 23.....	12	2	
Sumatra:				
Medan.....	July 20-26.....	1	.....
Syria:				
Mersina.....	Feb. 13-19.....	.....	.....	Do.
Smyrna.....	Sept. 20.....	.....	.....	Do.

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Pernambuco.....	June 16-22.....	1	1	
Mexico:				
Merida.....	Sept. 12.....	3	.....	In military barracks.

Reports Received from June 28 to Sept. 19, 1919.**CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Apr. 20-26.....	10	.....
China:				
Amoy.....	June 17-30.....	.....	25	
Do.....	July 1-21.....	.....	2	
Canton.....	June 8-21.....	10	3	
Do.....	June 29-Aug. 12.....	10	6	Present in foreign section, Island of Shamien, Aug. 8.
Foochow.....	July 10-26.....	.....	.....	Present. July 16: Average of 100 fatalities daily. July 26: Average of 30 fatalities daily. Five fatal cases European.
Hongkong.....	July 13-26.....	4	4	
Shanghai.....	Aug. 6.....	1	.....	European. Choleraic disease prevalent from about July 15 with high mortality.
Swatow.....	May 25-June 28.....	.....	90	
Do.....	June 29-July 19.....	.....	76	
Tsingtao.....	July 6-12.....	1	.....
Chosen (Korea).....	Aug. 15.....	3	.....
India:				
Bombay.....	Apr. 28-June 28.....	67	40	
Do.....	June 29-July 12.....	58	34	
Calcutta.....	May 4-June 21.....	.....	617	
Do.....	June 29-July 19.....	.....	19	
Karachi.....	July 24-30.....	3	2	Jan. 19-25, 1919: Cases, 113; deaths, 75.
Madras.....	May 18-June 28.....	29	19	
Do.....	July 12-26.....	22	11	
Rangoon.....	Apr. 28-June 28.....	108	85	
Do.....	June 29-July 29.....	39	33	
Indo-China:				
Cochin-China—				
Saigon.....	Apr. 21-June 29.....	386	272	City and district.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 28 to Sept. 19, 1919—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Pascadores Islands.....	July 14.....	49		In one village.
Taiwan Island.....				July 2-15, 1919: Cases, 48; deaths, 15.
Keelung.....	Aug. 8.....			Present in vicinity.
Taihoku.....	do.....			Present.
Java:				
East Java.....				Apr. 2-June 20, 1919: Cases, 613; deaths, 507.
Surabaya.....	Apr. 23-June 20...	97	79	Mar. 28-May 30, 1919: Cases, 1,914; deaths, 1,325.
Mid-Java.....	Mar. 28-May 30...	89	84	May 2-June 20, 1919: Cases, 106; deaths, 67.
Samarang.....				
West Java.....	May 2-June 5.....	12	5	
Batavia.....				
Manchuria:				
Dairen.....	Aug. 12.....			Present.
Harbin.....	Aug. 7.....			Present and in surrounding country. Aug. 14: Epidemic, with an estimated number of from 150 to 200 deaths.
Persia:				
Ardebil.....	May 2.....			Present.
Enzeli.....	Apr. 23.....	1		
Khorram-Ahab.....	May 3.....			Outbreak.
Mianedge.....	Apr. 28.....			Do.
Zindjan.....	Apr. 21-May 4.....		49	
Philippine Islands:				
Manila.....	Apr. 26-June 28...	11	5	
Do.....	June 29-July 12...	54	28	
Provinces.				May 4-24, 1919: Cases, 567; deaths, 383.
Batangas.....	May 4-24.....	25	23	
Bulacan.....	do.....	48	25	
Cebu.....	do.....	162	84	
Laguna.....	do.....	20	15	
Mindoro.....	do.....	19	14	
Misamis.....	do.....	9	2	
Pampanga.....	do.....	166	131	
Tayabas.....	do.....	118	89	
Provinces.				June 1-23, 1919: Cases, 615; deaths, 433.
Batangas.....	June 1-23.....	79	61	
Bohol.....	June 15-23.....	11	8	
Bulacan.....	June 1-23.....	63	27	
Cavite.....	June 8-23.....	23	14	
Cebu.....	June 22-23.....	24	11	
Laguna.....	June 8-21.....	16	13	
Ilocos Sur.....	June 15-21.....	1		
Nueva Ecija.....	June 1-23.....	60	39	
Pampanga.....	do.....	105	79	
Pangasinan.....	June 8-23.....	113	81	
Tayabas.....	do.....	108	81	
Union.....	June 22-23.....	7	7	
Provinces.				June 29-July 26, 1919: Cases, 4,008 deaths, 2,538.
Bataan.....	July 6-19.....	4	4	
Batangas.....	June 29-July 26...	302	235	
Bohol.....	do.....	20	16	
Bulacan.....	do.....	227	155	
Cavite.....	do.....	98	64	
Cebu.....	do.....	84	31	
Iloilo.....	June 6-26.....	18	12	
Ilocos Sur.....	July 20-26.....	38	30	
Laguna.....	July 6-26.....	95	63	
Mindoro.....	July 20-26.....	125	45	
Misamis.....	do.....	6	4	
Mountain.....	June 6-12.....	9	2	
Nueva Ecija.....	June 29-July 26...	172	120	
Pampanga.....	do.....	368	287	
Pangasinan.....	do.....	1,729	1,245	
Rizal.....	July 13-26.....	193	117	
Tayabas.....	June 29-July 26...	114	102	
Union.....	July 6-26.....	100	76	
Zambales.....	July 13-19.....	1	1	
Siam:				
Bangkok.....	Apr. 12-June 28...		697	
Do.....	June 30-July 5.....		14	
Straits Settlements:				
Singapore.....	July 14-27.....	80	69	
Sumatra:				
Medan.....	June 29-July 12...			Present in neighboring villages.
Turkey:				
Constantinople.....	July 28.....			Present.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 28 to Sept. 19, 1919—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Ceara.....	Sept. 8.....			Present.
China:				
Amoy.....	June 17-23.....		1	
Canton.....	May 25-June 28.....			Present. Apr. 27-May 10, 1919; Cases, 3; present May 24-June 7, 1919.
Foochow.....	May 18-24.....			Present.
Hongkong.....	June 15-28.....	42	33	
Do.....	June 29-July 27.....	31	29	
Ecuador:				
Guayaquil.....	June 16-30.....	2	1	
Posorja.....	June 1-30.....	3	1	Bathing place 65 kilometers from Guayaquil.
Egypt:				
Cities.....				Jan. 1-Aug. 6, 1919: Cases, 740; deaths, 405.
Alexandria.....	July 23-29.....	1		
Ismailia.....	July 23.....	2		
Cairo.....	May 15.....	1		
Kantara.....	June 19-20.....	4	2	Two European. Septicemic.
Do.....	July 31-Aug. 3.....	2	3	
Port Said.....	May 1-June 28.....	1	4	
Do.....	July 4-Aug. 2.....	2	4	
Suez.....	June 5-11.....	3	3	
Provinces.....				
Assiout.....	May 17-June 24.....	80	41	
Do.....	July 3-Aug. 6.....	7	3	
Beni-Souef.....	May 19-June 21.....	6	5	
Favoum.....	May 18-July 5.....	10	7	
Girgeh.....	May 15-July 8.....	32	10	
Menoufia.....	June 8-24.....	5	1	
Minieh.....	May 24-June 25.....	29	11	
Do.....	July 5-7.....	3	1	
France:				
Marseille.....	Aug. 16-Sept. 2.....	5	3	
Great Britain:				
Liverpool.....	July 30.....	1	1	In dock laborer.
Hawaii:				
Ah Fui Camp.....	Aug. 9.....	1	1	
Paaubau.....	July 19.....	1		
Kukulau.....	Sept. 16.....	2	2	
Paaulo.....	Sept. 9.....	1	1	
India:				
Bombay.....	Apr. 28-June 28.....	278	202	Apr. 27-June 28, 1919: Cases, 8,645; deaths, 6,933. June 29-July 12, 1919: Cases, 547; deaths, 430.
Do.....	June 29-July 12.....	17	10	
Calcutta.....	May 18-June 14.....		38	
Do.....	June 23-July 19.....		16	
Karachi.....	May 18-June 28.....	145	132	
Do.....	June 29-July 30.....	31	31	
Madras.....				Jan. 19-25, 1919: Cases, 2; deaths, 1.
Madras Presidency.....	July 6-26.....	200	105	Jan. 19-25, 1919: Cases, 586; deaths, 347. May 30-June 5: Cases, 37; deaths, 28.
Rangoon.....	Apr. 28-June 28.....	75	63	
Do.....	July 6-12.....	55	50	
Indo-China:				
Cochin China—				
Saigon.....	Apr. 21-June 29.....	31	23	City and district.
Japan:				
Yokohama.....	June 9-15.....	1	1	
Java:				
East Java.....				Apr. 8-June 28, 1919: Cases, 130; deaths, 130.
Surabaya.....	Apr. 23-June 3.....	7	7	
Mid-Java.....				Apr. 26-May 30, 1919: Cases, 23; deaths, 23.
Samarang.....	Apr. 26-May 20.....	10	10	
Mesopotamia:				
Bagdad.....	Apr. 19-June 20.....	346	269	
Basra.....	May 3-10.....	108	80	Including suburb of Ashar. Total from date of outbreak, March, 1919, to June 24, 1919; cases, 396; deaths, 256.
Siam:				
Bangkok.....	Apr. 27-May 17.....	2	2	
Straits Settlements:				
Singapore.....	Apr. 13-26.....	2	1	
Do.....	July 14-27.....	10	6	
On vessel:				
S. S. City of Sparta.....	Apr. 19-21.....	1	1	From Bombay. Apr. 3, 1919: Case, a soldier at sea.
Do.....	May 13-17.....	1	1	At Liverpool: Case, a native member of the crew. (Public Health Reports, June 27, 1919. p. 1463.)

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 28 to Sept. 19, 1919—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers.....	June 1-30.....	1	1	
Do.....	July 1-31.....	13	5	
Arabia:				
Aden.....	May 13-19.....		1	
Austria:				Mar. 9-Apr. 5, 1919: Cases, 92.
Salzburg.....	Mar. 9-Apr. 5.....	50		
Vienna.....	do.....	17		
Azores:				
St. Michaels.....	June 7-20.....	1		
Brazil:				
Bahia.....	Apr. 20-June 7.....	4		
Pernambuco.....	May 4-25.....	5		
Rio de Janeiro.....	May 11-June 21.....	61	20	Jan. 1-May 3, 1919: Cases, 10.
Do.....	June 30-July 12.....	27	18	
Canada:				
British Columbia—				
Vancouver.....	June 15-July 5.....	4		
New Brunswick—				
Campbellton.....	June 15-21.....	1		
Moncton.....	July 6-12.....	1		
St. John.....	July 27-Aug. 2.....	1		
Nova Scotia—				
Cities—				
Bridgenorth.....	July 27-Aug. 9.....			A few cases: mild.
Halifax.....	June 15-Aug. 23.....	132		
Sydney.....	June 8-21.....	3		
Do.....	Aug. 1-23.....	2		
Counties—				
Antigonish.....	June 28-Aug. 16.....			Present.
Colchester.....	do.....			Do.
Cumberland.....	do.....			Do.
Guysborough.....	do.....			Do.
Halifax.....	do.....			Do.
Hants.....	do.....			Do.
Kings.....	Aug. 10-16.....			Do.
Lunenburg.....	June 28-Aug. 16.....			Do.
Pictou.....	July 20-Aug. 16.....			Present. Also on Cape Breton Island.
Ontario—				
Province.....				May 1-June 30, 1919: Cases, 166; deaths, 4.
Hamilton.....	June 29-Aug. 2.....	2		
Harwich.....	May 1-31.....	14	2	Township in Kent County.
Ottawa.....	June 15-21.....	2		
Do.....	June 29-Sept. 6.....	3		
Peterborough.....	June 15-21.....	4		
Walpole Island.....	May 1-31.....	42		Kent County. Island in Lake St. Clair. Among Indians.
Prince Edward Island—				
Charlottetown.....	July 16-Aug. 9.....	8		
Quebec—				
Montreal.....	June 8-28.....	18		
Do.....	Aug. 24-Sept. 6.....	3		
Quebec.....	June 8-28.....	18		June 8-14, 1919: 1 case on incoming vessel.
Do.....	July 5-Sept. 6.....	37		Estimated. On Indian reserve.
Restigouche.....	June 15-July 31.....	40		
Ceylon:				
Colombo.....	May 1-31.....	4		June 17-23: Present.
China:				
Amoy.....	May 20-June 16.....		13	
Do.....	July 8-21.....			Present.
Canton.....	May 18-June 21.....			Do.
Do.....	July 1-26.....			Do.
Chefoo.....	June 8-21.....			Do.
Chungking.....	May 4-June 28.....			Do.
Do.....	June 29-July 26.....			Do.
Foochow.....	May 18-July 19.....			Do.
Hongkong.....	May 18-June 28.....	5	5	Do.
Nanking.....	May 25-June 28.....			Do.
Do.....	June 29-July 26.....			Do.
Chosen (Korea):				
Chemulpc.....	Apr. 1-June 30.....	22	4	
Fusan.....	do.....	336	96	
Seoul.....	Apr. 1-May 31.....	3	1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 28 to Sept. 19, 1919—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Cuba:				
Habana.....	Aug. 2-14.....	2		First case from S. S. Venezia, from Spanish ports; arrived Habana about July 20, 1919. Second case, contact.
Czecho Slovakia:				
Prague.....	May 18-June 21....	11	2	
Denmark:				
Copenhagen.....				Apr. 2-26, 1919: Cases, 11.
Egypt:				
Alexandria.....	May 14-June 24....	233	95	
Do.....	June 25-Aug. 5....	168	83	
Cairo.....	Jan. 2-May 20....	544	124	
Finland.....				Apr. 16-June 30, 1919: Cases, 469. July 1-15, 1919: Cases, 44.
Provinces—				
Abo Oeh Bjorneborg..	Apr. 16-June 30....	13		
Kuopio.....	do.....	88		
Do.....	July 1-15.....	1		
Finland.....	Apr. 16-June 30....	17		
St. Michael.....	do.....	73		
Do.....	July 1-15.....	2		
Travastehus.....	Apr. 16-June 30....	63		
Do.....	July 1-15.....	5		
Vasa.....	Apr. 16-June 14....	12		
Viborg.....	Apr. 16-June 30....	340		
Do.....	July 1-15.....	36		
France:				
Havre.....	May 23-30.....	1		
Marseille.....	May 1-June 30.....		5	
Paris.....	May 11-June 28....	17	28	
Do.....	June 29-July 19....	31	5	
Gibraltar.....	June 28-Aug. 16....	1	2	One from Bay.
Great Britain:				
Cardiff.....	June 15-July 19....	7		
Dundee.....	June 1-7.....	1		
Glasgow.....	June 8-21.....	5		
Liverpool.....	June 22-28.....	1		
Do.....	June 29-July 5.....	4		
London.....	May 25-June 28....	13		
Do.....	June 29-Aug. 2.....	17	2	
Greece:				
Saloniki.....	May 15-June 28....		48	
Do.....	June 29-Aug. 2.....		12	
India:				
Bombay.....	Apr. 28-June 28....	712	283	
Do.....	July 6-12.....	36	22	
Calcutta.....	May 4-June 21.....		444	
Do.....	June 29-July 19....		43	
Karachi.....	May 4-June 21.....	28	17	
Madras.....	May 18-June 28....	171	55	Jan. 19-25, 1919: Cases, 29; deaths, 25.
Do.....	July 6-26.....	148	66	
Rangoon.....	Apr. 28-June 28....	188	92	
Do.....	July 6-12.....	15	6	
Indo China:				
Cochin China—				
Salon.....	Apr. 21-May 18....	11	4	City and district.
Italy:				
Genoa.....	July 7-28.....	4		
Leghorn.....	June 16-29.....	2		
Messina.....	June 1-21.....	13		Province, June 8-21, 1919: Cases, 23; deaths, 3.
Do.....	June 29-July 26....	79	22	
Milan.....	Mar. 1-June 30....	50	8	
Milazzo.....	June 1-7.....	1	1	
Naples.....	June 2-29.....	103	91	
Do.....	June 30-July 27....	107	102	
Palermo.....	May 2-June 20....	39	5	
Do.....	June 28-July 5.....	37	9	
Turin.....	May 18-June 29....	5	1	
Do.....	July 6-Aug. 10....	5		
Venice.....	May 26-June 1.....	2		
Japan:				
Kobe.....	May 4-Aug. 2.....	172	77	
Nagoya.....	June 1-7.....	1	1	
Taiwan Island.....	May 21-July 29....	16	6	Entire island.
Tokyo.....	May 1-June 5.....	2		
Yokohama.....	May 26-June 1.....	1		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 28 to Sept. 19, 1919—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
East Java.....	May 27-June 3.....	2		Apr. 9-June 3, 1919: Cases, 3.
Soerabaya.....	Apr. 26-May 16.....	7		
Mid-Java.....				May 2-June 26, 1919: Cases, 615; deaths, 148. June 27-July 3, 1919: Cases, 59; deaths, 15.
West Java.....	Apr. 18-June 5.....	4	1	
Batavia.....	May 1-31.....	1		
Malta.....				
Manchuria:				
Dairen.....	May 13-June 2.....	3	2	Present.
Mukden.....	July 6-19.....			
Mesopotamia:				
Bagdad.....	May 29-30.....	1		
Mexico:				
Cananea.....	Feb. 1-28.....	7		State of Sonora.
Do.....	Apr. 1-30.....	1		
Mexico City.....	June 1-28.....	20	1	In State of Oaxaca.
Do.....	June 29-July 5.....	2		
Piedras Negras.....	June 22-28.....	2	2	
San Jeronimo.....	June 17-30.....	5		
Vera Cruz.....	July 6-19.....	4		
Do.....	June 29-July 5.....	2		
Newfoundland:				
St. Johns.....	June 13-Aug. 16.....	4		June 13-27, 1919: Outports, 372 cases. June 28-Sept. 3, 1919: Cases, 58.
Philippine Islands:				
Manila.....	May 11-17.....	1		
Portugal:				
Lisbon.....	July 26-Aug. 2.....	10		
Oporto.....	June 1-28.....	25	13	
Do.....	June 29-Aug. 16.....	32	27	
Portuguese East Africa:				
Lourenco Marques.....	Apr. 1-May 31.....	2	1	
Russia:				
Riga.....	June 1-30.....			Present.
Siberia:				
Vladivostok.....	June 8-30.....	45		
Do.....	July 1-15.....	8	3	
Spain:				
Almeria.....	May 18-June 30.....	68	6	
Barcelona.....	May 15-June 19.....	3	6	
Do.....	June 26-July 23.....		19	
Bilbao.....	May 1-10.....	1		
Cadix.....	Apr. 1-May 31.....		5	
Madrid.....	May 1-31.....	3		
Seville.....	.....do.....		1	
Valencia.....	May 11-June 29.....	233	15	
Do.....	July 14-Aug. 9.....	49	6	
Vigo.....	Apr. 12.....	2		
Do.....	July 6-19.....	37	8	
Straits Settlements:				
Singapore.....	Mar. 24-May 17.....	6	3	From vessel, Mar. 22, 1919: Present in villages in vicinity.
Do.....	July 8-27.....	5	1	
Sumatra:				
Medan.....	June 26-July 12.....			Present in surrounding country.
Tunis:				
Tunis.....	June 15-28.....	2	1	June 22-28, 1919: Present in surrounding country. June 29-July 12: Present in surrounding country.
Do.....	June 29-July 5.....	3	2	
Union of South Africa:				
Johannesburg.....	May 1-31.....	1		
On vessels:				
S. S. Eastern.....	Apr. 25-26.....	2	1	Death at sea. Second case landed at Woodman's Quarantine Station, Fremantle, Australia, Apr. 29. Vessel from England via Egypt and Colombo.
S. S. Karoa.....	Apr. 19.....	1		Landed at Colombo. Vessel from the United Kingdom via Egypt and Colombo.
S. S. Khyber.....	Apr. 10-May 4.....	4		From Liverpool, via Port Said, Suez, and Colombo. One case landed at Port Said Apr. 10, 2 cases at Colombo Apr. 22, 1 at quarantine, Fremantle, Australia, May 4, 1919.
S. S. War Armour.....		7		En route from Naples to Aden and Colombo. Vessel arrived at Fremantle, Australia, June 22, 1919: Cases landed at Colombo.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 28 to Sept. 19, 1919—Continued.

TYPHUS FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers.....	May 1-June 30....	82	11	
Do.....	July 1-31.....	3		
Austria.....				Mar. 23-Apr. 5, 1919: Cases, 118.
Vienna.....	Mar. 23-Apr. 5....	9		
Brazil:				
Rio de Janeiro.....	May 4-June 21....	3		Mar. 30-Apr. 5, 1919: Cases, 2.
Do.....	July 6-12.....	1		
China:				
Changsha.....	May 11-17.....	1	1	
Antung.....	July 6-30.....	2		
Chosen (Korea):				
Chemulpo.....	Apr. 1-June 30....	85	10	
Fusan.....	May 1-June 30....	5	2	
Seoul.....	Apr. 1-June 30....	147	28	
Colombia:				
Barranquilla.....	July 12-19.....		1	
Czechoslovakia:				
Prague.....	May 18-24.....	1		
Egypt:				
Alexandria.....	May 14-June 29....	474	248	
Do.....	June 28-July 22....	361	119	
Cairo.....	Jan. 2-May 20....	1,487	758	
Port Said.....	Jan. 9-May 20....	9	7	
Finland.....				Apr. 16-June 30, 1919: Cases, 25.
Provinces—				
Abo Oeh Bjorneborg...	May 15.....	1		
Nyland.....	Apr. 16-May 31....	4		
St. Michael.....	Apr. 16-June 30....	15		
Viborg.....	Apr. 16-June 14....	3		
Germany.....	Jan. 12-Feb. 22....	344		Military.
Do.....	Feb. 22-Mar. 22....	220		Civil.
Do.....	Mar. 23-Apr. 12....	333		Civil, military, prisoners of war, deserters.
Do.....	Apr. 13-26.....	62		55 cases among German troops and 7 among prisoners of war.
Do.....	Apr. 27-May 17....	126		Of these, 90 among Polish workmen and Russians; during same period, 105 cases among German troops and prisoners of war. In addition, Apr. 1-26 41 cases were notified among Polish workmen and refugees.
Great Britain:				
Glasgow.....	June 8-July 5....	13	2	
Dundee.....	June 30-July 5....	3		
Greece:				
Saloniki.....	May 15-June 14....		5	
Hungary.....				Feb. 24-May 9, 1919: Cases, 258.
Budapest.....	Feb. 24-May 9....	124	6	
Debreczin.....	do.....	42		
Italy.....				Apr. 28-June 8, 1919: Cases, 3,470—Austrian prisoners, 3,321; Italian soldiers, 82; civil population, 67.
Do.....				June 9-15, 1919: Present in 14 Provinces, with 761 cases, viz, Austrian prisoners, 631; Italian soldiers, 23; Roumanian soldiers, 97; civil population, 10.
Do.....				June 16-22, 1919: Present in 12 Provinces, with 127 cases, viz, Austrian prisoners, 102; Italian soldiers, 8; civil population, 12; Roumanian soldiers, 5.
Do.....				June 23-29, 1919: Present in 14 Provinces, with 117 cases, viz, Austrian prisoners, 107; Italian soldiers, 3; civil population, 7.
Genoa.....	June 25-July 1....	91		17 Austrian prisoners.
Naples.....	May 12-June 22....	50	16	
Do.....	June 30-July 27....	14	4	July 6-13, 1919: Cases, 14, occurring in 7 Provinces—7 prisoners of war, 5 civilians, 2 Italian soldiers.
Palermo.....	July 21-27.....	2		
Venice.....	Apr. 27-June 14....	58	9	
Do.....	June 30-July 6....	6		
Trieste.....	June 6-12.....	1		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 28 to Sept. 19, 1919—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Nagasaki.....	June 16-July 1.....	3		
Do.....	July 14-Aug. 10.....	6	4	
Mesopotamia:				
Bagdad.....	Apr. 19-June 6.....	34	22	
Mexico:				
Mexico City.....	May 4-Aug. 12.....	312		
San Luis Potosi.....	July 27-Aug. 30.....			Present and in surrounding country.
Newfoundland:				
St. Johns.....	June 21-27.....	1		From vessel.
Palestine:				
Jaffa.....				Oct. 22-Dec. 22, 1918: Cases, 8; deaths, 3.
Portugal:				
Lisbon.....	June 22-28.....	1		
Do.....	July 26-Aug. 2.....	1		
Oporto.....	June 1-15.....	52		
Do.....	June 30-Aug. 16.....	89	42	
Russia:				
Archangel.....	May 15-June 1.....	9	2	
Riga.....	May 1-June 30.....	2,826		
Siberia:				
Vladivostok.....	June 9-30.....	104	9	
Do.....	July 1-15.....	29	5	
Spain:				
Barcelona.....	May 15-21.....		1	
Madrid.....	May 1-31.....		1	
Sumatra:				
Medan.....	June 26-July 12.....	1		
Tunis:				
Tunis.....	May 24-June 21.....	3	1	
Do.....	July 20-26.....	2		

YELLOW FEVER.

Brazil:				
Bahia.....	Apr. 12-June 14.....	48	15	Jan. 12-May 17, 1919: Cases, 43; deaths, 25. July 29, 1919, reported seriously prevalent in States of Bahia and Pernambuco.
Canal Zone.....	Aug. 10-12.....	1	1	Patient at Corinto, Nicaragua, At quarantine from S. S. Salvador.
Ecuador:				
Guayaquil.....	May 1-31.....	1	1	July 31, 1919; at Leon, Nicaragua, Aug. 2, 1919. Embarked Aug. 6 at Corinto.
Naranjito.....	May 1-June 15.....	2	1	
Honduras:				
Amapala.....	Aug. 28.....	1		
Mexico:				
Merida.....	June 30-July 26.....	17	7	State of Yucatan.
Nicaragua:				
Leon.....	Sept. 1.....			Present, and in vicinity.
Peru:				
Paita.....	July 10-22.....	8	5	Department of Piura.
Piura.....	do.....	46	10	Do.
Salvador:				
La Union.....	July 6.....	2		
St. Miguel.....	June 24-July 6.....	4		
San Salvador.....	do.....	1	1	75 miles from city of San Salvador.